

Digital Camcorder 

SC-M102/M105/M110

數位攝影機 

SC-M102/M105/M110

AF Auto Focus
CCD Charge Coupled Device
LCD Liquid Crystal Display



AF 自動對焦
CCD 電荷耦合器
LCD 液晶螢幕

Owner's Instruction Book

Before operating the unit, please read this Instruction Book thoroughly, and retain it for future reference.

SAMSUNG

ELECTRONICS

用戶說明書

在操作本數位攝錄影機之前,請仔細閱讀本說明書,並將其保持好,以便將來查閱。

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Notices and Safety Precautions

Precautions on the CAM Care

- ❖ Please note the following precautions for use:
- ❖ Please keep this device in a safe place. The device contains a lens that can be damaged by shock.
Keep away from the reach of the children.
- Do not place your device in a wet place. Moisture and water may cause the device to malfunction.
- To avoid electric shock, do not touch your device or power cable with wet hands.
- Do not use the flash close to another's eyes. The flash emits a strong light that may cause damage similar to direct sunlight on one's eyesight. Particular care should be observed if photographing infants, when the flash should be no less than 3 feet from your subject.
- If the device is not working properly, please consult your nearest dealer or authorized Samsung service facility. Disassembling the device yourself may cause irrecoverable damage which will be difficult to repair.
- Clean the device with a dry, soft cloth. Use a soft cloth moistened with a mild detergent solution for removing stains. Do not use any type of solvent, especially benzene, as they may seriously damage the finish.
- Keep your device away from rain and saltwater. After using, clean the device. Saltwater may cause the parts to corrode.

注意事項和安全說明

謹慎保護攝影機

- ❖ 請注意下列使用時的謹慎保護事項：
- ❖ 請把攝影機放置在安全的地方。本機含有鏡頭，可能會因受到撞擊而受損。請不要放在小孩容易接觸到的地方。
- 將數位攝錄影機遠離有潮氣的地方，如果受潮，攝影機便會受到損壞，有時可能無法修復。
- 避免受到電擊，不要用濕手去接觸攝影機或任何電源線。
- 拍攝時燈光不要直接靠近人的眼睛，因燈光發出強閃會傷害到眼睛，尤其是拍攝嬰兒時，因此用燈光拍攝時，應要距離主題約3英尺遠的地方。
- 如果攝影機有故障時，請即刻送至代理商維修部門。自行拆解機器可能會引起無法修復的損害。
- 請用乾燥的軟布清潔機器外表，或用布沾上溫和的清潔劑來清除外表的污垢。
不要使用含有苯類的有機溶劑來清除，因可能會造成外表損傷。
- 攝影機要遠離雨水、海水等，鹽水會損傷內部零件。
使用完後，立即清潔外表，收至防潮箱。

Notices and Safety Precautions

Notes Regarding COPYRIGHT

- ❖ Television programs, movie video tapes, DVD titles, films and other program materials may be copyrighted. Unauthorized recording of copyrighted materials may infringe on the rights of the Copyright owners and is contrary to copyright laws.
- ❖ All the trade names and registered trademarks mentioned in this manual or other documentation provided with your Samsung product are trademarks or registered trademarks of their respective holders.

Notes Regarding Moisture Condensation

1. A sudden rise in atmospheric temperature may cause condensation to form inside the CAM.

For Example:

- ❖ Entering or leaving a heated place on a cold day might cause condensation inside the product.
- ❖ To prevent condensation, place the product in a carrying case or a plastic bag before exposing it to a sudden change of temperature.

Notes Regarding the CAM

1. **Do not leave the CAM exposed to high temperature (above 60°C or 140°F).**
For example, in a parked closed car in summer or exposed to direct sunlight.
2. **Do not let the CAM get wet.**
Keep the CAM away from rain, salt water, or any other form of moisture.
The CAM will be damaged if immersed in water or subjected to high levels of moisture.

注意事項和安全說明

有關版權的注意事項

- ❖ 電視節目，錄影帶，DVD節目，影片和其他節目可能已受版權保護。
- ❖ 未經授權複製受版權保護的資料是違法行為。
- ❖ 此手冊中或三星其他文件所提到其他產品名稱或商標為其各自公司的註冊商標。

有關結露的注意事項

1. 氣溫的突然升高會導致攝影機內部結露。

例如:

- ❖ 將攝影機從寒冷的地方帶入溫暖的地方(如冬季室外將其攜帶入室內)。
- ❖ 或從涼爽的地方帶入炎熱的地方(如夏季室內將其攜帶入室外)。
- ❖ 為防止結露的發生要出入以上場合時,請把攝影機收至外攜袋或塑膠袋內。

有關攝影機的注意事項

1. 請不要把攝影機暴露於高溫下(60°C或140°F以上)
例如:在陽光下停放的車內或陽光直射之下。
2. 請不要讓攝影機受潮。
將攝影機遠離雨水,海水和任何形式的潮氣,如果受潮,數位攝影機可能會受到損壞,有時可能無法修復。

Notices and Safety Precautions

Notes Regarding the Battery Pack

- ❖ It is recommended to use original battery pack that is available at SAMSUNG service center.
- ❖ Make sure the battery pack is fully charged before starting to record.
- ❖ To preserve battery power, keep the CAM turned off when you are not operating it.
- ❖ If your device is left in STBY mode without being operated for more than 5 minutes, it will automatically turn itself off to protect against unnecessary battery discharge.
- ❖ Make sure that the battery pack is attached firmly in place.
- ❖ The new battery pack provided with the product is not charged. Before using the battery pack, you need to fully charge it.
- ❖ Do not drop the battery pack. Dropping the battery pack may damage it.
- ❖ Fully discharging a Lithium Polymer battery damages the internal cells. The battery pack may be prone to leakage when fully discharged.
- ❖ To avoid damage to the battery pack, make sure to remove the battery when no charge remains.
- ❖ Clean the terminal to remove foreign substance before inserting the battery pack.

- * When the battery reaches the end of its life, please contact your local dealer.
Batteries must be disposed of as chemical waste.
- * Be careful not to drop the battery pack when you release it from the CAM.

Notes Regarding a Trademark

- ❖ The logos regarding DivX, DivX Licensed are the trademark of DivX, Network, Inc and can be used after contracting license.

注意事項和安全說明

有關電池組的注意事項

- ❖ 在開始錄製之前,保証電池組完全充電。
- ❖ 為了保存電池容量,請在不使用時關閉攝影機。
- ❖ 如果數位攝影機處在CAMERA拍攝模式並保持在STBY(待機)模式下工作超過5分鐘,且裝入了錄影帶,機器就會自動關閉以防止電池不必要的放電。
- ❖ 確認電池組已經牢固地安裝在其位。
- ❖ 全新的電池組並不帶電力。
在使用電池組之前,請將電池組充電。
- ❖ 小心不要使電池墜落,因為會造成電池損壞。
- ❖ 鋰電池如果過充會影響內部組件。
也會引起漏液。
- ❖ 為不使電池組損壞,沒電時要立刻取下電池組。
- ❖ 要裝入電池組時,確定金屬端保持乾淨。

- * 在電池到達其使用壽命時,請與本地的經銷商聯繫,必須按化學廢品處理方式處理電池。
- * 請注意在取下電池組時不要掉落。

有關商標注意事項

- ❖ 有關DivX商標是屬於DivX. Network Inc.公司所有,並經其授權使用。

Notices and Safety Precautions

Notes Regarding the Lens

- ❖ Do not film with the camera lens pointing directly at the sun. Direct sunlight can damage the CCD (Charge Coupled Device, the imaging sensor).

Notes Regarding the LCD Display

1. The LCD monitor has been manufactured using the high precision technology. However, there may be tiny dots (red, blue or green in color) that appear on the LCD monitor. These dots are normal and do not affect the recorded picture in any way.
2. When you use the LCD monitor under direct sunlight or outdoors, it may be difficult to see the picture clearly.
3. Direct sunlight can damage the LCD monitor.

Precautions Regarding Service

- ❖ Do not attempt to service the CAM yourself.
- ❖ Opening or removing covers may expose you to dangerous voltage or other hazards.
- ❖ Refer all servicing to qualified service personnel.

Precautions Regarding Replacement Parts

- ❖ When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer and having the same characteristics as the original part.
- ❖ Unauthorized substitutions may result in fire, electric shock or other hazards.

注意事項和安全說明

有關鏡頭的注意事項

- ❖ 不要讓鏡頭直接對向太陽。
直接拍攝太陽會損傷CCD(電荷耦合影像載取器)。

有關液晶螢幕注意事項

1. 液晶螢幕是採用尖端科技製造而成的,然而,液晶螢幕上可能會出現小點(紅色、藍色或綠色)。
這些小點屬於正常現象,不會影響錄製的影像。
2. 在陽光直射的條件下或戶外使用液晶螢幕時,很難看清影像。
3. 陽光直射會損壞液晶螢幕的顯示器。

有關售後服務注意事項

- ❖ 不要自行維修本機。
- ❖ 自行打開本機外殼可能會受到觸電的危險。
- ❖ 請送交合格的維修人員。

有關零件注意事項

- ❖ 須要更換零件時,請使用原廠零件。
- ❖ 不合格的零件可能會造成損害,電擊,引起火災。

Getting to Know Your CAM

Features

- **Integrated Digital CAM/DSC operation**
An integrated digital imaging device that easily converts between a Digital CAM and a Digital Still Camera with comfortable and easy recording.
- **High Resolution Image Quality (Digital Still Camera)**
Employing 680K CCD Pixel, a maximum resolution of 800x600 is available.
- **100x Digital Zoom**
Allows the user to magnify an image up to 100x its original size.
- **Colorful TFT LCD**
A high-resolution(210K) colorful TFT LCD gives you clean, sharp images as well as the ability to review your recorded files immediately.
- **Electronic Image Stabilizer (EIS)**
With the CAM, you can reduce unstable images by avoiding natural shaking movements.
- **Various Digital Effects**
The DSE (Digital Special Effects) allows you to give the film a special look by adding various special effects.
- **USB Interface for Data Transfer**
You can transfer still images and video file or any other files to a PC using the USB interface.
- **PC Cam for multi-entertaining**
You can use this the CAM as a PC camera for video chatting, video conference and other PC camera applications.
- **Voice Record / Playback with vast memory**
You can record voice and store it in the internal memory, Memory Stick and Memory Stick Pro(Option) and playback the recorded voice. The unit is tapless and records on Memory Sticks.
- **Plus Advantage, MP3**
With the CAM, you can playback MP3 files stored in the internal memory, Memory Stick and Memory Stick Pro(Option).

了解您的攝影機

功能

- **數位攝影機/數位相機雙功能操作系統**
可以簡易的進行數位攝影機/數位相機雙功能操作。
- **高解像的數位相機畫質**
提供680萬畫質的CCD,最高畫素為800X600。
- **100 倍的數位伸縮鏡頭**
允許您將要拍攝的畫面放大到原始大小的100倍。
- **Colour TFT LCD (彩色TFT液晶螢幕)**
高畫質的彩色液晶螢幕可以為您提供清晰明亮的影像以及即時查看拍攝效果的能力。
- **EIS 防手振功能**
EIS可補償因手持拍攝時手抖而引起的影像晃動,尤其是在較高的放大倍數下,它可以減少影像的模糊晃動。
- **各種數位特效**
DSE(Digital Special Effects 數位特殊效果)允許您通過添加各種特殊效果來讓攝影別具一格。
- **USB資料傳輸**
您能用USB介面進行相片或影片傳輸到電腦上。
- **多種PC攝影機應用**
您可把攝影機當成PC攝影機使用,如視訊聊天,視訊會議等各種應用。
- **可大量儲存的錄音筆功能**
您可把聲音檔案儲存在內建記憶體或Memory Stick, Memory Stick PRO(另購)上及播放檔案。
- **MP3播放功能**
您可以使用攝影機來播放儲存在內建記憶體或Memory Stick, Memory Stick PRO(另購)上的MP3檔案。

Getting to Know Your CAM

了解您的攝影機







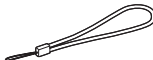

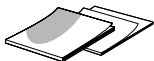


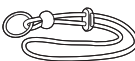

Accessories Supplied with the CAM

攝影機所提供的配件

❖ Make sure that the following basic accessories are supplied with your CAM.

❖ 請確認已隨數位攝影機提供了下列基本配件。

1. Lithium Polymer Battery pack
2. AC Power Adapter
3. Video/Audio Cable
4. USB Cable
5. Cradle
6. Earphones
7. Hand Strap
8. Carrying Case
9. Instruction Book/Quick Guide
10. Software CD
11. Lens Cover
12. Neck Strap
13. Extended life Battery Pack (Option)

1. Lithium Polymer Battery pack 	2. AC Power Adapter 	3. Video/Audio Cable 
4. USB Cable 	5. Cradle 	6. Earphones 
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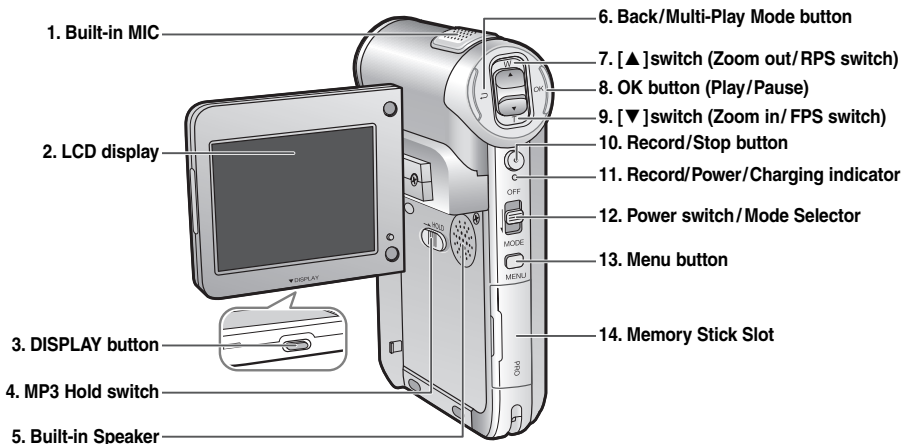
1. 鋰離子電池組。
2. 交流電源適配器。
3. AUDIO/VIDEO (音頻/視頻)線。
4. USB 線。
5. 座充。
6. 耳機。
7. 手帶。
8. 皮套。
9. 說明書/快速指南
10. 軟體 CD 片。
11. 鏡頭蓋。
12. 頸掛帶。
13. 加長型電池組 (另購)。

Name of Each Part

控制鍵位置

Rear & Left View

後左視圖



1. Built-in MIC
2. LCD display
3. DISPLAY button
4. MP3 Hold switch
5. Built-in Speaker
6. Back/Multi-Play Mode button
7. [▲] switch (Zoom out/ RPS switch)
8. OK button (Play/Pause)

9. [▼] switch (Zoom in/ FPS switch)
10. Record/Stop button
11. Record/Power/ Charging indicator
12. Power switch/ Mode Selector
13. Menu button
14. Memory Stick Slot

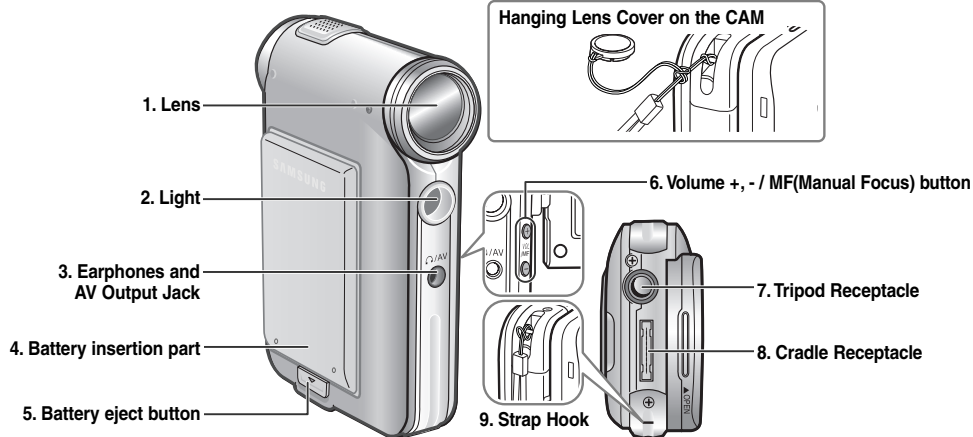
1. 內建麥克風.
2. 液晶螢幕.
3. 顯示鍵.
4. MP3 暫停按鈕
5. 內建喇叭.
6. 返回鍵/多種放映模式鍵.
7. [▲]鍵(拉遠/RPS鍵).
8. OK鍵(放映/暫停).
9. [▼]鍵(拉近/FPS鍵).
10. Record/Stop拍攝/停止鍵.
11. Record/Power /Charging 拍攝/電源/充電指示.
12. 電源開關/模式選擇鍵.
13. 菜單鍵
14. 記憶卡插槽.

Location of Controls

控制鍵位置

Right & Bottom View

右下視圖



- | | |
|---------------------------------|---|
| 1. Lens | 6. Volume +, - / MF (Manual Focus) button |
| 2. Light | 7. Tripod Receptacle |
| 3. Earphones and AV Output Jack | 8. Cradle Receptacle |
| 4. Battery insertion part | 9. Strap Hook |
| 5. Battery eject button | |

- | | |
|----------------|---------------------|
| 1. 鏡頭. | 6. 音量 +, - / 手動對焦鍵. |
| 2. 燈光 | 7. 三腳架插孔. |
| 3. 耳機及AV輸出入插孔. | 8. 座充槽. |
| 4. 電池放置位置. | 9. 帶扣. |
| 5. 電池取出鈕. | |

Location of Controls: LCD Display

操控位置:液晶螢幕

OSD (On Screen Display in Video Record Mode/ Video Play Mode)

螢幕顯示(在影片拍攝/影片放映的螢幕顯示)

Video Record Mode

1. Mode indicator
2. EIS indicator
3. Program AE indicator
4. White Balance indicator
5. BLC indicator
6. Focus indicator
7. Counter (Elapsed time/Remaining time)
8. Record/Standby indicator
9. Record/Standby text
10. Effect indicator
11. Zoom in/Zoom out indicator
12. Battery life indicator
13. Memory type indicator
14. Image quality/size indicator
15. Warning and note indicator

Video Play Mode

1. Mode indicator
2. Current display indicator
3. Lock indicator
4. Battery life indicator
5. Memory type indicator
6. Image counter(Current image)

Video Play Mode

7. Warning and note indicator
8. Counter (Elapsed time/Recorded time)
9. Operation indicator (Play/Pause/RPS/FPS)
10. Volume indicator

Note

- ✦ Functions will be retained when the CAM is turned off .

Video Record Mode



Video Play Mode



Video Play Mode



Video Record Mode 影片拍攝模式

1. 模式指示.
2. EIS防手震指示.
3. 自動程式曝光指示.
4. 白平衡指示.
5. BLC逆光補償指示.
6. 對焦指示.
7. 計數器(已拍攝時間/剩餘時間).
8. 拍攝/預備指示.
9. 拍攝/預備字樣顯示.
10. 效果指示.
11. 拉近/拉遠指示.
12. 電池壽命指示.
13. 記憶卡型式指示.
14. 影像品質/大小指示.
15. 警告/注意指示.

Video Play Mode 影片放映模式

1. 模式指示.
2. 目前影片指示.
3. 鎖定指示.
4. 電池壽命指示.
5. 記憶卡型式指示.
6. 影像長度指示(目前影像).

Video Play Mode 影片放映模式

7. 警告/注意指示.
8. 計數器(已拍攝時間/剩餘時間).
9. 操作指示(放映/暫停/RPS/FPS).
10. 音量指示.

說明

- ✦ 在攝影機關機時,功能仍會保存.

Location of Controls: LCD Display

操控位置:液晶螢幕

OSD (On Screen Display in Photo Capture Mode/ Photo View Mode)

螢幕顯示(在照片拍攝/照片放映的螢幕顯示)

Photo Capture Mode

1. Mode indicator
2. EIS indicator
3. Program AE indicator
4. White balance indicator
5. BLC indicator
6. Focus indicator
7. Zoom in/out indicator
8. Battery life indicator
9. Memory type indicator
10. Image size indicator
11. Warning and note indicator
12. Light indicator

Photo View Mode

1. Mode indicator
2. Current display indicator
3. Number of print

Photo View Mode

4. Printer indicator
5. Lock indicator
6. Image counter (Current image)

Photo Capture Mode



Photo View Mode



Photo View Mode



Photo Capture Mode

照片拍攝模式

1. 模式指示
2. EIS防手震指示
3. 自動程式曝光指示
4. 白平衡指示
5. BLC逆光補償指示
6. 對焦指示
7. 拉近/拉遠指示
8. 電池壽命指示
9. 記憶卡型式指示
10. 影像大小指示
11. 警告/注意指示
12. 燈光指示

照片放映模式

1. 模式指示
2. 目前照片指示
3. 列印數量

照片放映模式

4. 印表機指示
5. 鎖定指示
6. 影像計數器(目前影像)

Note

- ❖ Functions will be retained when the CAM is turned off.

說明

- ❖ 在攝影機關機時,功能仍會保存。

Location of Controls: LCD Display

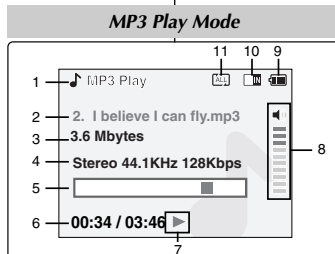
操控位置:液晶螢幕

OSD (On Screen Display in MP3 Play Mode/Voice Record/Play Mode)

螢幕顯示 (在MP3播放模式/語音錄製/播放模式的螢幕顯示)

MP3 Play Mode

1. Mode indicator
2. File number/File name/File format
3. File size
4. Sampling Rate/Bit Rate
5. Progress Bar
6. Elapsed time/Full time
7. Operation indicator
8. Volume indicator
9. Battery life indicator
10. Memory type indicator
11. Repeat all/one indicator

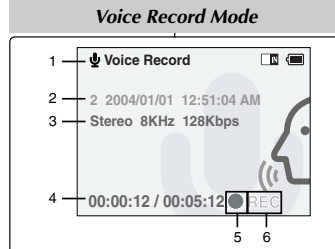


MP3 Play Mode MP3播放模式

1. 模式指示.
2. 檔案號碼/檔案名稱/檔案規格.
3. 檔案大小.
4. 取樣頻率/位元頻率.
5. 進度表.
6. 已用時間/全部的時間.
7. 操作指示.
8. 音量指示.
9. 電池壽命指示.
10. 記憶卡型式指示.
11. 全部/單一重播指示.

Voice Record Mode

1. Mode indicator
2. File number/Date and Time
3. Sampling Rate/Bit Rate
4. Elapsed time/Full time
5. Operation indicator
6. Record/Standby text

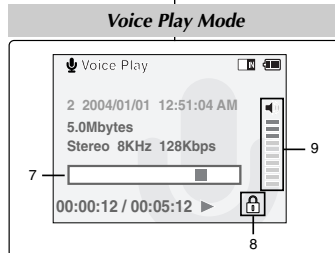


Voice Record Mode 語音錄製模式

1. 模式指示.
2. 檔案號碼/日期及時間.
3. 取樣頻率/位元頻率.
4. 已用時間/全部的時間.
5. 操作指示.
6. 錄製/預備字樣顯示.

Voice Play Mode

7. Progress Bar
8. Lock indicator
9. Volume indicator



Voice Play Mode 語音播放模式

7. 進度表.
8. 鎖定指示.
9. 音量指示.

Note

- ✦ Functions you've set will not be canceled if you turn the CAM on again.

說明

- ✦ 在攝影機重新開機時,所設定的功能不會取消.

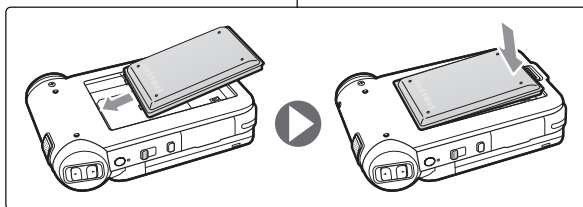
How to Use the Battery Pack

Battery Pack Installation / Ejection

It is recommended you purchase one or more additional battery packs to allow continuous use of your CAM.

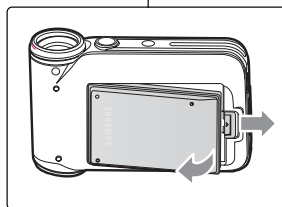
To insert the battery pack

Slide the battery pack into the groove until it clicks.



To eject the battery pack

Pull the [Battery Eject] button to eject the battery pack.



Battery
SB-P90A (900mAh)
SB-P180A (1800mAh) (option)

取出電池組

按下(Battery Eject)電池組取出鈕來取出電池組。

電池
SB-P90A(900mAh)
SB-P180A(1800mAh)(另購)

Note

- ❖ Clean the terminals to remove foreign substances before inserting the battery pack.

電池組的使用

安裝/取出電池組

為能延長攝影機的連續使用時間,建議多購買幾顆電池組備用。

安裝電池組

將電池組滑入如圖位置直到聽到一聲「喀」。

說明

- ❖ 要裝入電池組時,確定金屬端保持乾淨。

How to Use the Battery Pack

電池組的使用

Maintain the Battery Pack

電池組的保養

- ❖ The battery pack should be recharged in an environment of between 32°F(0°C) and 104°F(40°C).
- ❖ The battery pack should never be charged in a room temperature that is below 32°F(0°C).
- ❖ The life and capacity of the battery pack will be reduced if it is used in temperatures below 32°F(0°C) or left in temperatures above 104°F(40°C) for a long period.
- ❖ Do not put the battery pack near any heat sources (fire or flames, for example).
- ❖ Do not disassemble, process, press or heat the Battery Pack.
- ❖ Do not allow the + and – terminals of the battery pack to be short-circuited. It may cause leakage, heat generation, induce fire and overheating.
- ❖ It is recommended to use original battery pack that is available at SAMSUNG service center.

- ❖ 電池組應在室溫32°F (0 °C)到104°F (40 °C)的環境下充電。
- ❖ 電池組在低於室溫32°F (0 °C)的時候不能充電。
- ❖ 如果在溫度低於32°F (0 °C)或高於104°F (40 °C)的條件下長時間使用電池組,即使是充電電,電池組壽命和容量也會降低。
- ❖ 不要將電池組放置靠近熱源處(例如火或加熱器)。
- ❖ 不要分解,處理,擠壓或者加熱電池組。
- ❖ 不允許電池組的+ 正 - 負極造成短路,這會引起漏電,發熱起火或過熱。

How to Use the Battery Pack

Continuous recording time based on battery type

If you close the LCD screen, it switches off automatically.
The continuous recording times given in the table below are approximations.
Actual recording time depends on usage.

Battery	Continuous Recording Time	
	LCD ON	Backlight OFF
SB-P90A (900mAh)	Approx. 60 min.	Approx. 80 min.
SB-P180A (1800mAh) (option)	Approx. 120 min.	Approx. 160 min.

Notes

- ❖ Prepare an extra battery if you use the CAM outdoors.
- ❖ Contact a Samsung retailer to purchase a new battery pack.
- ❖ If you zoom in or out, the recording time becomes shorter.
- ❖ 'Continuous Recording Time' indicates the time that you neither use zooming function nor play video files and record the video file continuously when the EIS() function is off.

Warning

- ❖ When you eject the battery pack from the CAM, hold the battery pack to prevent it dropping to the floor.

電池組的使用

基於不同電池型號的連續拍攝時間表

如果合上液晶螢幕,螢幕會自動關閉而且觀景器會自動打開。
本表所列出的連續拍攝時間為一近似值。
實際的拍攝時間與使用有關。

電池	連續拍攝時間	
	開啟液晶螢幕	關閉背光
SB-P90A(900mAh)	約60分鐘	約80分鐘
SB-P180A(1800mAh) (另購)	約120分鐘	約160分鐘

說明

- ❖ 戶外使用時,建議多準備幾顆電池組。
- ❖ 請向三星代理商購買新的電池組。
- ❖ 如果您常常使用拉近/拉遠伸縮時,電池電力會消耗較快。
- ❖ 連續拍攝時間是在不使用拉近/拉遠伸縮及在拍攝中關閉EIS()防手震之下測試的。

警告

- ❖ 當您從攝影機取下電池組時,請拿緊,小心不要讓其掉落地上。

How to Use the Battery Pack

電池組的使用

Battery Level Display

The Battery Level Display shows the amount of battery power remaining in the Battery Pack.

Battery Level Indicator	State	Message
	Fully charged	-
	40~60% used	-
	60~80% used	-
	80~95% used	-
	Exhausted(flickers) The device will soon turn off. Change the Battery Pack as soon as possible.	-
	(flickers) The device will be forced to turn off after 5 seconds.	Battery Low

電池電量顯示標誌

電池電量顯示標誌可指示電池組的剩餘電量。

電池電量顯示	狀況	訊息
	已充飽電	-
	已使用 40~60%	-
	已使用 60~80%	-
	已使用 80~95%	-
	電量快 要用盡(閃爍) (本機快 將關閉, 請盡快 充電)	-
	(閃爍) (本機在5分鐘內將關閉)	"battery Low" 電力已弱

Tips for Battery Identification

If the battery has been fully charged, the charge indicator is green.

If you are charging the battery, the color of the charge indicator is orange.

The charge indicator flickers if the battery is abnormal.

Charging time based on battery type

Capacity	Power On	Power Off
SB-P90A (900mAh)	Approx. 6 hr. 30 min	Approx. 1 hr. 40 min
SB-P180A (1800mAh) (option)	Approx. 13 hr.	Approx. 3 hr. 20 min



電池組充電辨認方法

如果已經完全充飽電時,充電指示是綠色。

如果您正在充電時,充電指示是橘色。

如果充電指示在閃爍時,表示電池組有故障。

不同型式電池組的充電時間

容量	開啟攝影機時	關閉攝影機時
SB-P90A(900mAh)	約6小時30分鐘	約1小時40分鐘
SB-P180A(1800mAh) (另購)	約13小時	約3小時20分鐘

How to Use the Battery Pack

電池組的使用

Charging the Battery Pack

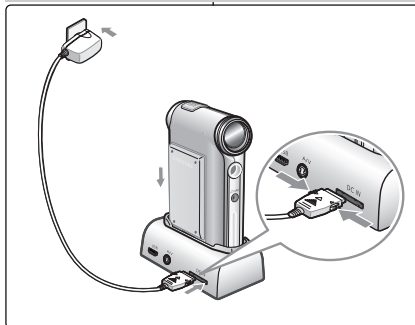
電池組的充電

1. Slide [Mode Selector] up to turn the CAM off.
2. Attach the Battery Pack to the CAM.
3. Fix the CAM into the cradle.
4. Connect the AC power adapter to the DC In jack on the cradle.
 - ◆ You can detach the AC adapter by pressing the buttons on the sides of the adapter cable plug while pulling it out.
5. Insert the AC power adapter into the outlet.

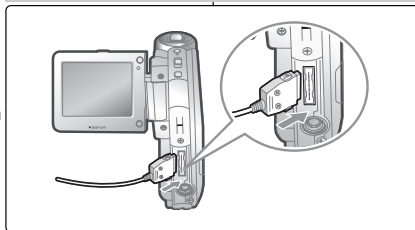
1. 向上推[模式選擇鍵]來關閉攝影機。

2. 裝入電池組。
3. 把攝影機固定在座充上。
4. 將電源線插入座充的DC IN 插孔。
 - ◆ 您要按下電源線插頭的兩側來移開電源線。
5. 電源線的另一端插入牆上的電源插座。

Charging through the cradle



Charging directly to the CAM



Note

- ❖ You can also charge the battery pack when you use the CAM by connecting the AC power adapter to the CAM directly.

說明

- ❖ 您也可以把電源線直接插入攝影機內來邊拍攝邊充電。

Warning

- ❖ It is recommended you fully charge the battery pack before use.
- ❖ You should only charge the battery in an environment between 32°F and 104°F.

警告

- ❖ 建議您要使用前先充飽電。
- ❖ 電池組應在室溫32°F (0℃)到104°F (40℃)的環境下充電。

Getting Started

The Color of the LED

The color of the LED varies depending on the power or charge.

When the AC Adapter is plugged in

LED Colour	Power	Charging state
Red	Voice / Video Record	-
Green	On	-
Orange	Off	Charging
Green	Off	Fully charged
Orange Blink	-	Error

When the AC Adapter is unplugged

LED Colour	Power	Charging state
Green	On	-
Orange	Off	-
Red	Voice / Video Record	-

Using Hardware Reset Function

If the unit is not performing correctly, use this function to set the CAM back to its original, default state.

1. Remove the battery pack and the AC adapter.
2. Turn the LCD monitor so it faces front.
3. Press the [Display] button.

- ◆ If you connect the AC adapter or insert the battery pack again, the CAM is reset and turns on.

Notes

- ❖ If the LCD monitor is closed completely, the CAM makes a sound.
- ❖ If you reset the CAM, all functions you set are initialized.

準備開始

LED 燈顏色顯示

LED燈的顏色顯示依開關或充電的情況而不同。

當插入電源線時

LED燈的顏色	開關	充電狀況
紅色	語音/影片錄製	-
綠色	開啟	-
橘色	關閉	充電中
綠色	關閉	已充飽電
橘色閃爍	-	錯誤

當不插入電源線時

LED燈的顏色	開關	充電狀況
綠色	開啟	-
橘色	關閉	-
紅色	語音/影片錄製	-

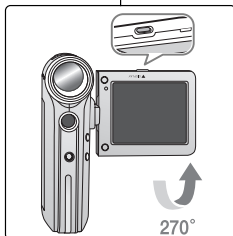
使用硬體重新設定功能

如果本機在執行時不正常時,使用此功能來把本機回復到原始設定的狀態。

1. 拔開電源線及電池組。
2. 打開液晶螢幕轉向前方。
3. 按下[Display]顯示鍵。
 - ◆ 如果再裝入電池組或再連接上電源時,會開啟並重新設定。

說明

- ❖ 如果液晶螢幕完全合起來時,本機會發生聲音。
- ❖ 如果您重新設定後,您以前所設定的功能會回到初始狀態。



Getting Started

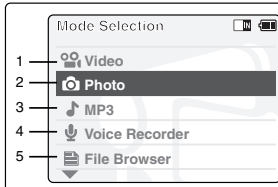
Before You Start Operating the CAM

Before using the CAM, refer to this page for easy operation. The Memory Stick is an optional accessory and not included.

1. **Install the battery pack and insert the Memory Stick into the Memory Stick slot.** (Refer to page 33)
2. **Charge the battery pack by fixing the CAM into the cradle and connecting the power cable to the cradle.** (Refer to page 23)
3. **Slide the [Mode Selector] down to turn on the CAM and slide it down again.**
 - ◆ You can select Video mode or Previous mode as the start-up mode in System Settings. (Refer to page 94)
 - ◆ **Video mode:** The CAM starts up in Video Mode.
 - ◆ **Previous Mode:** The CAM starts up in the mode you used last.
4. **Slide the [▲/▼] switch to select the desired mode and press the [OK] button.**
5. **Press the [OK] button to take pictures, record, hear music or record voice.**
Press the [Menu] button to view the menu.
6. **When you finished, turn the CAM off by moving [Mode Selector] up.**

For example: If you want to select Photo Mode

1. <Video>: You can record and play video files.
2. <Photo>: You can take and view photo files.
3. <MP3>: You can download and listen to music.
4. <Voice Recorder>: You can record and playback the voice.
5. <File Browser>: You can delete, lock, copy the file and view the file information.
6. <System Settings>: You can set the LCD monitor brightness/color, date/time, system and memory.
7. <Back>: The screen moves to previous menu in the selected mode.



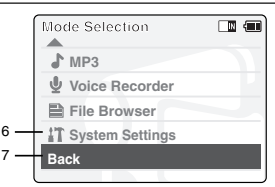
準備開始

當您要開始操作攝影機時

要開始使用攝影機時,請參考本頁簡易說明。Memory Stick 記憶卡不附在內是另購品。

1. 裝好電池組及插入記憶卡(見33頁)。
2. 先充飽電。把電池組放入攝影機上,然後放入座充,連接電源線來進行充電。(見23頁)
3. 把[Mode Selector]模式選擇鍵向下扳動至CAM(拍攝),然後再向下扳一次。
 - ◆ 您可另選Video Mode影片模式或以先前之設定。(見94頁)。
 - ◆ Video Mode: 本機以影片模式開始運作。
 - ◆ Previous Mode: 先前之模式。
4. 滑動[▲/▼]鍵來選擇所要的模式,然後按OK鍵。
5. 按下OK鍵來拍照,錄影,聽音樂或錄製語音等。
6. When you finished, turn the CAM off by moving [Mode Selector] up.

例如:如果您要選擇拍照模式



1. Video: 您可以錄影及放映影片。
2. Photo: 您可以拍照片及觀看照片。
3. MP3: 您可下載及聽音樂。
4. Voice Recorder: 您可以錄製語音及播放。
5. File Browser: 檔案總管, 您可以刪除、鎖定、拷貝及觀看資料檔案。
6. System Setting: 系統設定, 您可以設定液晶螢幕的亮度、彩度、日期/時間、系統及記憶等。
7. Back: 回到先前的模式。

Getting Started

準備開始

Using the Function Button

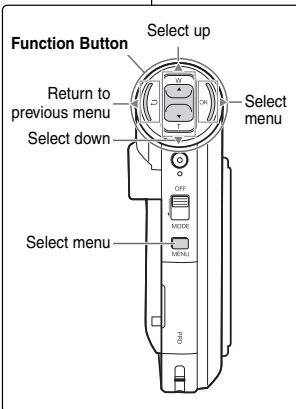
The Function button is used to make a selection, move the cursor, select the functions and exit from the menu.

功能鍵的使用

功能鍵用於作選擇,移動游標,功能選擇及退出菜單之用。

Using the Function button

Button	Recording/ Picture taking	Playing/ Viewing	Selecting
	Zoom out (▲)	RPS (◀◀)	Select up
	Zoom in (▼)	FPS (▶▶)	Select down
	Multi-Play screen	Multi-Play screen	Return to previous menu
	Change from <Record/Capture> to <Play/View>	Play/Pause	Confirm selecting



使用功能鍵

鍵	錄影/拍照	放映/觀看	選擇
	拉遠 (▲)	RPS (◀◀)	向上選擇
	拉近 (▼)	FPS (▶▶)	向下選擇
	多重放映螢幕	多重放映螢幕	回到上一菜單
	從錄影/拍照轉至放映/觀看	放映/暫停	選擇確定

Note

- ❖ If there is no file stored when you press the [OK] button in <Video Record/Photo Capture> mode, nothing occurs.
- ❖ Refer to page 39 for further details about the function button.

說明

- ❖ 當您在錄影/拍照模式下,如果沒有儲存任何檔案而按下OK鍵,不會有任何動作發生。
- ❖ 請參考39頁有關功能鍵的細節。

The Use of [Back] and [Menu] button

Button	Video Record/ Photo Capture	Video Play/ Photo View
	Move to <Video Play/> <Photo View>	Move to <Video Record/> <Photo Capture>
 (Press for about 2 seconds)	Move to <Settings>	Move to <File Options>

[Back返回]鍵及[Menu菜單]鍵的使用

鍵	錄影/拍照	放映/觀看
	轉換至 放映/觀看	轉換至 錄影/拍照。
 (按下約2秒鐘)	轉換至<Settings設定>	轉換至 <File Options 檔案選擇>

Getting Started

準備開始

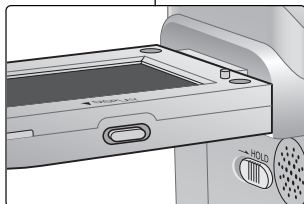
Using the Display button

Display顯示鍵的使用

You can use various functions by pressing the [Display] button.

按Display顯示鍵 可以使用多種功能。

1. Open the LCD monitor.
2. Slide the [Mode Selector] down to turn on the CAM.
 - ◆ The video screen appears.
 - ◆ You can select Video mode or Previous mode as the start-up mode in <System Settings>. (Refer to page 94)
3. Press the [Display] button.

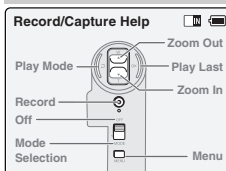


1. 打開液晶螢幕。
2. 把[Mode Selector]模式選擇鍵向下扳動至CAM(拍攝)。
 - ◆ 畫面出現。
 - ◆ 您可另選Video Mode影片模式或以先前之設定。(見94頁)。
3. 按下Display顯示鍵。

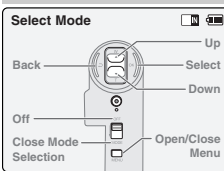
If you press the [Display] button

- ❖ Once: The display indicators turn off.
- ❖ Twice: The back light turns off.
- ❖ 3 times: It returns to the initial screen.
- ❖ Hold down the button for 2 seconds: The Help screen according to each mode appears.

Record/Capture Help



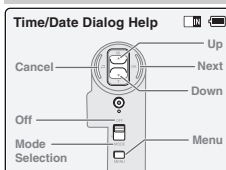
Select Mode Help



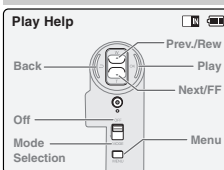
如果您按下Display顯示鍵

- ❖ 一次: 螢幕指示關閉。
- ❖ 兩次: 背光關閉。
- ❖ 三次: 回到原始畫面。
- ❖ 按住約2秒鐘: 依照模式的不同, 出現[HELP求助]畫面

Time/Date Dialog Help



Play Help



Getting Started

Adjusting the LCD Monitor

The CAM is equipped with a color Liquid Crystal Display monitor, which enables you to view directly what you are recording or playing back. Depending on the conditions under which you are using the CAM (indoors or outdoors for example), you can adjust the LCD Brightness or Color.

1. Slide the [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [s/t] switch to select System Settings and press the [OK] button.
3. Slide the [s/t] switch to select <Display> and press the [OK] button.
4. Slide the [s/t] switch to select <LCD Brightness> or <LCD Color> and press the [OK] button.
5. Slide the [s/t] switch to select desired brightness or color and press the [OK] button.
◆ Refer to pages 86~87 for details.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If it is too bright, adjust the LCD Brightness.

準備開始

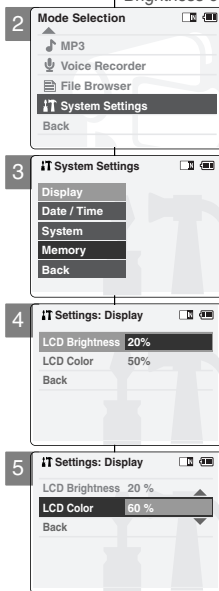
Adjusting the LCD Monitor

The CAM is equipped with a color Liquid Crystal Display monitor, which enables you to view directly what you are recording or playing back. Depending on the conditions under which you are using the CAM (indoors or outdoors for example), you can adjust the LCD Brightness or Color.

1. Slide the [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [s/t] switch to select System Settings and press the [OK] button.
3. Slide the [s/t] switch to select <Display> and press the [OK] button.
4. Slide the [s/t] switch to select <LCD Brightness> or <LCD Color> and press the [OK] button.
5. Slide the [s/t] switch to select desired brightness or color and press the [OK] button.
◆ Refer to pages 86~87 for details.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If it is too bright, adjust the LCD Brightness.



Getting Started

Structure of the Folders and Files

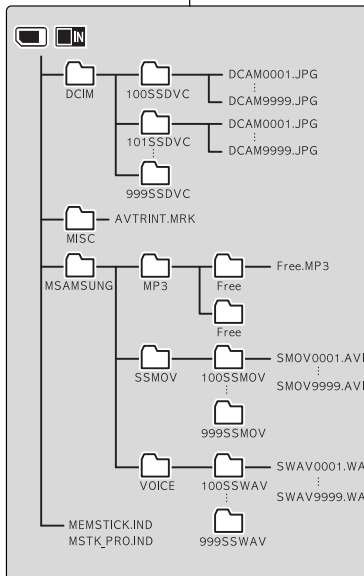
The video files and photo files are stored in internal memory, Memory Stick or Memory Stick Pro as below.

Notes

- ❖ Refer to page 33 for details about Memory Stick.
- ❖ You can store general data in files and folders of the CAM.
- ❖ The number of the file is up to 9,999 and folder is up to 999.
- ❖ DCAM****.JPG: Photo file
SMOV****.AVI: Video file
SWAV****.WAV: Voice file
*****.MP3: MP3 file
- ❖ MISC: DPOF files are stored.
- ❖ For proper operation, do not change any file or folder names except those labelled 'Free'.
- ❖ You can change files or folders named 'Free'.
- ❖ Video files that you have not made with the CAM may not be able to be played.
- ❖ 'Free' folder means the folder is untitled.

Warning

- ❖ Do not turn the power off while recording, playing, erasing a file or formatting the Memory Stick.
- ❖ Please turn the power off before you insert or eject the Memory Stick to avoid losing data.
- ❖ Save important files separately.



Notes

- ❖ Refer to page 33 for details about Memory Stick.
- ❖ You can store general data in files and folders of the CAM.
- ❖ The number of the file is up to 9,999 and folder is up to 999.
- ❖ DCAM****.JPG: Photo file
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SWAV****.WAV: Voice file
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Warning

- ❖ Do not turn the power off while recording, playing, erasing a file or formatting the Memory Stick.
- ❖ Please turn the power off before you insert or eject the Memory Stick to avoid losing data.
- ❖ Save important files separately.

準備開始

Structure of the Folders and Files

The video files and photo files are stored in internal memory, Memory Stick or Memory Stick Pro as below.

Getting Started

Recording Time and Capacity

Video Record Time

Media	Capacity	Super Fine		Fine		Normal	
		352	720	352	720	352	720
Internal Memory	256MB (SC-M102)	approx. 10min.	approx. 5min.	approx. 16min.	approx. 8min.	approx. 32min.	approx. 16min.
	512MB (SC-M105)	approx. 21min.	approx. 10min.	approx. 32min.	approx. 16min.	approx. 65min.	approx. 32min.
	1GB (SC-M110)	approx. 44min.	approx. 22min.	approx. 66min.	approx. 33min.	approx. 132min.	approx. 66min.
Memory Stick	32MB	X	X	approx. 2min.	X	approx. 4min.	approx. 2min.
	64MB	X	X	approx. 4min.	X	approx. 8min.	approx. 4min.
	128MB	X	X	approx. 8min.	X	approx. 16min.	approx. 8min.
Memory Stick Pro	256MB	approx. 10min.	approx. 5min.	approx. 15min.	approx. 7min.	approx. 30min.	approx. 15min.
	512MB	approx. 20min.	approx. 10min.	approx. 31min.	approx. 15min.	approx. 62min.	approx. 31min.
	1GB	approx. 42min.	approx. 21min.	approx. 63min.	approx. 31min.	approx. 126min.	approx. 63min.

Warning

- 352 and 720 are video resolutions.
- The compressibility is changed automatically depending on the recorded images. The maximum recording time and capacity can be changed in <Video Record>.
- You may be not able to record or play normal video files if you use a Memory Stick with over 1GB capacity.
- You can record video files at the 720/Normal, 352/Fine and 352/Normal sizes in the Memory Stick but the quality is not guaranteed.
- If you record video files at the of Normal (352/720) quality in the internal memory, Memory Stick or Memory Stick Pro, the recording time becomes longer but the video may have lower quality than other levels.
- The recording time and capacity may vary if a bad sector (section) is generated when you record video files in the Memory Stick and Memory Stick Pro.

準備開始

錄製時間及容量

錄製時間

儲存介介	容量	超精細畫質		精細畫質		普通畫質	
		352	720	352	720	352	720
內建記憶體	256MB (SC-M102)	約10分鐘	約5分鐘	約16分鐘	約8分鐘	約32分鐘	約16分鐘
	512MB (SC-M105)	約21分鐘	約10分鐘	約32分鐘	約16分鐘	約65分鐘	約32分鐘
	1GB (SC-M110)	約44分鐘	約22分鐘	約66分鐘	約33分鐘	約132分鐘	約66分鐘
Memory Stick	32MB	X	X	約2分鐘	X	約4分鐘	約2分鐘
	64MB	X	X	約4分鐘	X	約8分鐘	約4分鐘
	128MB	X	X	約8分鐘	X	約16分鐘	約8分鐘
Memory Stick Pro	256MB	約10分鐘	約5分鐘	約15分鐘	約7分鐘	約30分鐘	約15分鐘
	512MB	約20分鐘	約10分鐘	約31分鐘	約15分鐘	約62分鐘	約31分鐘
	1GB	約42分鐘	約21分鐘	約63分鐘	約31分鐘	約126分鐘	約63分鐘

警告

- 352及720為影片的解像度。
- 依影像不同而有自動不同的壓縮比率。因此最長的錄製時間也會有所改變。
- 如果您使用超過1GB的Memory Stick記憶卡，可能無法錄製或放映普通畫質的影片檔案。
- 您可以在Memory Stick記憶卡上錄製720/Normal普通畫質、352/Fine精細畫質及352/Normal普通畫質的影片，但畫質無法確保。
- 如果您以Normal普通畫質(352/720)錄製影片在內建記憶體或記憶卡上時，雖然拍攝時間會較長，但畫質可能會比其他的畫質還差。
- 如果內建記憶體或記憶卡上有壞軌時，錄製的時間及其容量也會不同。

Getting Started

Number of Photo Capture

Media	Capacity	Quality	
		800×600	640×480
Internal Memory	256MB	approx. 2509	approx. 4129
	512MB	approx. 5019	approx. 8258
	1GB	approx. 9803	approx. 16129
Memory Stick	32MB	approx. 313	approx. 516
	64MB	approx. 627	approx. 1032
	128MB	approx. 1254	approx. 2064
Memory Stick Pro	256MB	approx. 2509	approx. 4129
	512MB	approx. 5019	approx. 8258
	1GB	approx. 9803	approx. 16129

Voice Record Time

Media	Capacity	Time
Internal Memory	256MB	approx. 4hr.
	512MB	approx. 8hr.
	1GB	approx. 18hr.
Memory Stick	32MB	approx. 33min.
	64MB	approx. 1hr.
	128MB	approx. 2hr.
Memory Stick Pro	256MB	approx. 4hr.
	512MB	approx. 8hr.
	1GB	approx. 17hr.

Notes

- 800 x 600 and 640 x 480 are video resolutions.
- The recording time and capacity is an approximation.
- You can format the Memory Stick on the CAM. (Refer to page 99)
- Do not format the Memory Stick or Memory Stick Pro on the PC.
- The recording time and the number of images shown are maximum figures based on using one function. In actual use, using more than one function will reduce the capacity of each.
- If you set the light on, the number of photos that can be taken will be reduced.
- If you format the Memory Stick or Memory Stick Pro, use the Memory Stick Formatter in the supplied software CD.

準備開始

可拍照片張數

儲存介面	容量	品質	
		800X600	640X480
內建記憶體	256MB	約2509張	約4129張
	512MB	約5019張	約8258張
	1GB	約9803張	約16129張
Memory Stick	32MB	約313張	約516張
	64MB	約627張	約1032張
	128MB	約1254張	約2064張
Memory Stick Pro	256MB	約2509張	約4129張
	512MB	約5019張	約8258張
	1GB	約9803張	約16129張

影片錄製時間

儲存介面	容量	時間
內建記憶體	256MB	約4小時
	512MB	約8小時
	1GB	約18小時
Memory Stick	32MB	約33分鐘
	64MB	約1小時
	128MB	約2小時
Memory Stick Pro	256MB	約4小時
	512MB	約8小時
	1GB	約17小時

說明

- 800X600 及 640X480是影像解析度。
- 錄製時間及容量是一個大約值。
- 您可在本機上進行記憶卡格式化(見99頁)。
- 不要在電腦上作 Memory Stick 及 Memory Stick PRO 記憶卡的格式化。
- 以上可拍照片張數及影片錄製時間是以同一情況同一功能下所測試的。實際上使用因不斷轉換不同的功能所以會減少容量。
- If you set the light on, the number of photos that can be taken will be reduced.
- 請使用本機光碟提供的Memory Stick Formatter 格式化軟體來格式化記憶卡。

Getting Started

準備開始

Selecting the Memory Type

You can select the memory type - internal memory or external memory (Memory Stick, Memory Stick Pro).

The Memory Stick is an optional accessory.

The video file and the photo files are stored in internal memory by default.

To store on a Memory Stick, <External> must be selected.

1. Insert the Memory Stick. (Refer to page 33)
2. Slide the [Mode Selector] down to turn on the CAM and slide it down again.
 - ◆ The <Mode Selection> screen appears.
3. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
4. Slide the [▲/▼] switch to select <Memory> and press the [OK] button.
5. Slide the [▲/▼] switch to select <Storage Type> and press the [OK] button.
6. Slide the [▲/▼] switch to select desired type and press the [OK] button.
 - ◆ You can select external or internal memory.

Note

- ✦ If you insert the Memory Stick or Memory Stick Pro, the memory type selection screen appears automatically.

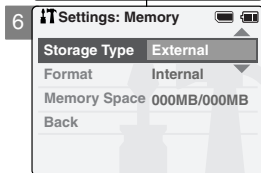
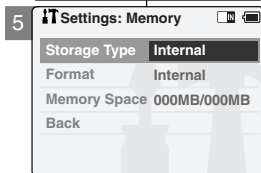
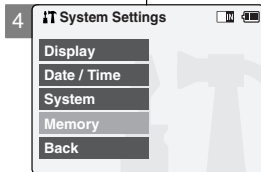
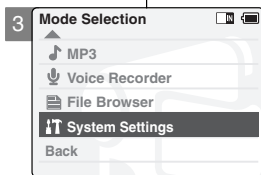
選擇記憶型式

您可選擇的記憶型式為內建記憶體或外接記憶卡 (Memory Stick及Memory Stick PRO記憶卡)。Memory Stick記憶卡是另外選購的。原始設定為照片及影片是儲存在內建記憶體。要儲存在Memory Stick及Memory Stick PRO記憶卡時,必須先設定好。

1. 放入記憶卡(見33頁)。
2. 把[Mode Selector]模式選擇鍵向下扳動至CAM(拍攝),然後再向下扳一次。
 - ◆ 模式選擇畫面出現。
3. 滑動[▲/▼]鍵來選擇*System Setting*模式,然後按OK鍵。
4. 滑動[▲/▼]鍵來選擇<Memory>模式,然後按OK鍵。
5. 滑動[▲/▼]鍵來選擇<Storage Type>模式,然後按OK鍵。
6. 滑動[▲/▼]鍵來選擇所要的型式,然後按OK鍵。
 - ◆ 您可選擇內建或外接記憶卡。

說明

- ✦ 當您插入記憶時,會出現記憶型式的選擇畫面。



Getting Started

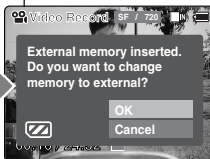
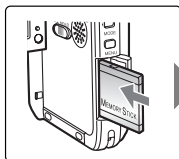
準備開始

Using the Memory Stick

使用Memory Stick記憶卡

Inserting a Memory Stick

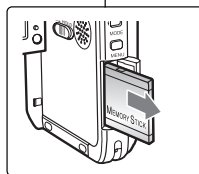
1. Power off the CAM.
2. Open the LCD monitor.
3. Open the Memory Stick slot lid.
4. Insert the Memory Stick into the slot until it softly clicks.
5. Close the slot lid.
6. The pop-up screen appears.
 - ◆ If you select <OK>, the memory type changes to <External> and if you select <Cancel>, files are stored in internal memory.
 - ◆ If you insert a locked Memory Stick, the [] icon is displayed next to the memory type indicator.



Caution: This screen will appear if the Memory Stick is inserted with the power on.

Ejecting a Memory Stick


1. Open the LCD monitor.
2. Open the Memory Stick slot lid.
3. Slightly push the Memory Stick inwards to pop it out.
4. Pull the Memory Stick out of the slot and close the lid.



Notes

- ✦ Do not apply excessive force when you insert/eject the Memory Stick.
- ✦ Do not turn the power off while recording, playing, erasing files or formatting the Memory Stick.
- ✦ Please turn the power off before you insert or eject the Memory Stick to avoid losing data.
- ✦ Do not place the Memory Stick near a strong electro-magnetic device.
- ✦ Do not allow metal substances to come in contact with the terminals on the Memory Stick.
- ✦ Do not bend the Memory Stick.
- ✦ After pulling the memory stick out from the CAM, keep it in a soft case to prevent static shock.
- ✦ The data stored on the stick may be changed or lost as a result of misuse, static electricity, electric noise or repair. Save important files separately.
- ✦ Samsing is not responsible for data loss due to misuse.



- ✦ Memory Stick and  are trademarks of Sony Corporation.
- ✦ All other product names mentioned herein may be the trademarks or registered trademarks of their respective companies. "TM" will not be mentioned in every instance in this manual.

插入記憶卡

1. 關閉本機電源。
2. 打開液晶螢幕。
3. 打開記憶卡插槽。
4. 放入記憶卡直到一輕聲「喀」。
5. 關閉記憶卡插槽。
6. 出現一個視窗
 - ◆ 如果您選<OK>記憶型式會轉換為「Eternal」外，或是您選<Cancel>取消，檔案會儲存至內建記憶體。
 - ◆ 如果您放入一個已鎖定的記憶卡時，螢幕會出現 [] 的標記。

取出記憶卡

1. 打開液晶螢幕。
2. 打開記憶卡插槽。
3. 向內輕推一下記憶卡來準備取出。
4. 拉出記憶卡，關閉記憶卡插槽。

說明

- ✦ 在插入或取出記憶卡時不要太用力。
- ✦ 在錄製、放映、刪除或格式化時，請不要關閉電源。
- ✦ 在插入或取出記憶卡時請關閉電源，否則您可能會丟失卡上的資料。
- ✦ 不要把記憶卡放在有強力磁場的環境內。
- ✦ 不要讓金屬物質與記憶卡的金屬端子接觸。
- ✦ 不要試圖彎曲記憶卡。
- ✦ 取出記憶卡後，請放入皮套或盒中以防止靜電。
- ✦ 由於使用錯誤，或靜電、磁干擾或修理，可能會使儲存的內容被改變或遺失。請另儲存重要檔案。
- ✦ 三星公司對於造成資料的遺失將無法負責。



- ✦ "Memory stick"和  為 SONY公司的商標。
- ✦ 此處所提到其他產品名稱為其各自公司的註冊商標所有。本手冊中有提到的"TM"不再另作聲明。

Getting Started

Mode and Menu Selection

You can select the mode and menu as follows. There are 2 ways of selecting menu. Select the way you prefer.

Mode Selection

1. Select the modes by pressing the [Mode] button, then sliding the [▲/▼] switch and pressing the [OK] button.

Menu Selection

1. Select the menus pressing the [Menu] button after pressing the [OK] button.
 - ◆ The menu screen appears.
2. Select the menus sliding the [▲/▼] switch.



SPECIAL OPERATION

1. Press the [Menu] button for 2 seconds.
 - ◆ The set up menu screen of the selected mode (Video, Photo etc.) appears.

準備開始

模式及菜單的選擇

您可依下列所示來選擇模式及菜單。
有兩種選擇菜單, 依您的喜愛來選擇。

模式選擇

1. 按[Mode模式]鍵來作選擇, 然後滑動 [▲/▼] 鍵, 接著按 OK 鍵

菜單選擇

1. 按下 [Menu菜單] 鍵來選擇菜單, 然後按 OK 鍵。
 - ◆ 螢幕出現菜單。
2. 選擇菜單滑動 [▲/▼] 鍵。



特殊操作

1. 按下[Menu菜單]鍵2秒鐘。
 - ◆ 選擇模式的設定菜單如影片, 照片等會出現在螢幕。

1 Video Mode

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Note

- ❖ You can set the time and date in <System Settings>. Refer to pages 88-89.

1 影片模式

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說明

- ❖ 您可在System系統設定中設定日期及時間。請見88~89頁。

Video Mode : Recording

影片模式：錄製

Recording

You can record video and store it in memory.

錄製

您可錄製影片並儲存記憶體。

1. Slide [Mode Selector] down to turn on the CAM.

- ◆ The <Video Record> screen appears.
- ◆ You can select Video mode or Previous mode as the start-up mode in <System Settings>. (Refer to page 94)

2. Press [Record/Stop] button to start recording.

- ◆ [●REC] indicator displays on LCD.
- ◆ The elapsed and remaining times are displayed and it starts recording.

3. Press the [Record/Stop] button again to stop recording.

- ◆ It stops recording and the CAM is ready again.

4. Slide [Mode Selector] up to turn off the CAM.



Elapsed time Remaining time

00:00 / 10:57

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。

- ◆ 影片錄製畫面出現。
- ◆ 您也可以先在系統設定的開始模式選擇影片模式或上一模式(見 94 頁)。

2. 按下[Record/Stop]錄製/停止]鍵來開始拍攝。

- ◆ [●REC] 指示會出現在液晶螢幕上。
- ◆ 開始拍攝後已錄製及剩餘的時間會出現。

3. 再按下[Record/Stop]錄製/停止]鍵來停止拍攝。

- ◆ 停止拍攝並再進入準備中。

4. 把[Mode Selector]模式選擇鍵向上扳動來關閉本機。

Notes

- ❖ If the Auto Shut Off is set, the CAM turns off automatically after 5 minutes.
- ❖ Detach the Battery Pack when you finish recording to prevent unnecessary battery power consumption.
- ❖ You can check the recording time.

說明

- ❖ 如果有設定Auto Shut Off自動關閉功能時，5分鐘後會自動關閉。
- ❖ 為避免電池的電力損耗，拍攝完後要立即取下電池組。
- ❖ 您可以檢查拍攝時間。

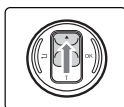
Video Mode : Recording

影片模式：錄製

Zooming In and Out

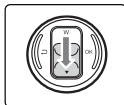
Zooming lets you change the size of the subject captured in a scene.

1. Slide [Mode Selector] down to turn on the CAM.
 ♦ You can select Video mode or Previous mode as the start-up mode in <System Settings>. (Refer to page 94)
2. Press the [Record/Stop] button to start recording.



Slide the [▲/▼] switch up to zoom out.

- The subject appears farther away when you zoom out.



Slide the [▲/▼] switch down to zoom in.

- The subject appears closer when you zoom in.

Zoom Out



Zoom In



向上滑動[▲/▼]鍵來拉遠。
 • 被攝物体会越來越遠。



向下滑動[▲/▼]鍵來拉近。
 • 被攝物体会越來越近

Notes

- ❖ Frequent use of zooming may result in higher battery power consumption.
- ❖ Refer to page 52 about <Digital Zoom>.

拉近及拉遠

拉近及 拉遠變焦可以幫助您改變場景中被攝物体的大小。

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
 ♦ 您也可以在系統設定的開始模式選擇影片模式或上一模式(見94頁)
2. 按下[Record/Stop 錄製/停止]鍵來開始拍攝。

說明

- ❖ 經常的使用拉近或拉遠會損耗電力。
- ❖ 有關數位變焦請參考52頁。

Video Mode : Playing

影片模式：放映

Playing on the LCD Monitor

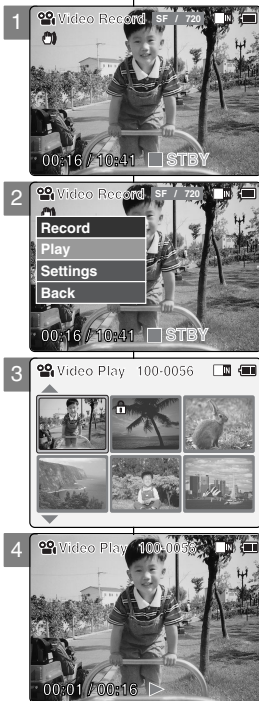
在液晶螢幕上放映

You can view playback of video files on the LCD monitor.

您能在液晶螢幕上放映影片。

1. Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
2. Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Play>.
3. Slide the [▲/▼] switch to find the video file you want to play.
◆ Each time you slide the [▲/▼] switch, the frame moves horizontally.
◆ Each time you press the [+]/[-] button, another page of 6 frames is displayed.
4. Press [OK] button to play the video file you want.
◆ Each time you press the [OK] button, play or pause is selected repeatedly.
5. Press the [Back] button after pressing the [OK] button to stop playing.

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
2. 按下 [Menu] 菜單鍵，然後滑動 [▲/▼] 鍵。
選擇 <Play 放映> 後，按 OK 鍵。
3. 滑動 [▲/▼] 鍵來找尋要放映的影片檔案。
◆ 每次您滑動 [▲/▼] 鍵時，畫面會以水平移動。
◆ 每次您按 [+]/[-] 鍵時，下一頁的 6 格畫面會出現。
4. 按 OK 鍵來放映影片。
◆ 每次您按 OK 鍵，可在放映及暫停間切換。
5. 在按下 OK 鍵之後再按下 [Back 返回] 鍵來停止放映。



Notes

- ✿ You can press the [Back] button to go directly to the first page of 6 frames.

說明

- ✿ 您可以按下 [Back 返回] 鍵來直接跳至第一頁的 6 格畫面。

Video Mode : Playing

The button and switch you use when playing the video file

- [OK] Button: Play or pause the video file
- [▲] Switch: In <Video Play> mode: Press it to move to previous file. Press and hold it to use RPS function.
(RPS rate: -x2, -x4, -x8, -x16, -x32, -x64, -x128)
- [▼] Switch: In <Video Play> mode: Press it to move to next file. Press and hold it to use FPS function.
(FPS rate: x2, x4, x8, x16, x32, x64, x128)
In <Video Play> mode: Press it and hold it to play slowly when paused. Press it to move to the next frame when paused.

Adjusting the Sound

1. Press the [OK] button to play the video file.
2. Press the [+] button to increase the volume.
 - ◆ Each time you press the [+] button, the volume bar increases and the sound level will get louder.
 - ◆ The volume bar disappears after 1~2 seconds.
3. Press the [-] button to decrease the volume.
 - ◆ Each time you press the [-] button, the volume bar decreases and the sound level will get quieter.
 - ◆ The volume bar disappears after 1~2 seconds.

Notes

- ❖ You can adjust the volume up to 10 steps.
- ❖ You can also play the video file on a TV screen by connecting the CAM to a TV. (Refer to page 106)
- ❖ You must install the ImageMixer software (see page 110) to playback video files recorded on the CAM on your PC.

影片模式：放映

在放映影片中所使用的按鍵

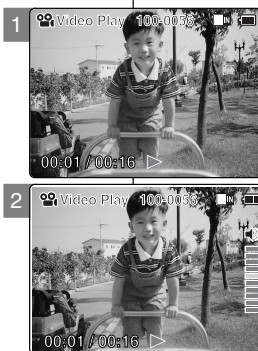
- [OK]鍵：放映影片或暫停。
- [▲] 鍵：在放映模式中：移動至前一個影片。
持續按住來使用RPS功能
(RPS速度：-x2, -x4, -x8, -x16, -x32, -x64, -x128)
- [▼] 鍵：在放映模式中：移動至下一個影片。
持續按住來使用FPS功能
(FPS速度：x2, x4, x8, x16, x32, x64, x128)
在放映模式中：在暫停模式中，持續按住時會慢速放映。
在暫停模式中，按一下時會移至下一個影格。

聲音調整

1. 按OK鍵來放映影片。
2. 按下[+]鍵來增大音量。
 - ◆ 每次按下[+]鍵時，音量指示會增加，音量會加大。
 - ◆ 在1~2秒後，音量指示會出現。
3. 按下[-]鍵來減少音量。
 - ◆ 每次按下[-]鍵時，音量指示會減少，音量會變弱。
 - ◆ 在1~2秒後，音量指示會出現。

說明

- ❖ 可調整的音量為10階。
- ❖ 您可以連接本機到電視上來放映。(見106頁)。
- ❖ 您必須先安裝Image Mixer軟體(見110頁)才可以在電腦上放映影片檔案。



Video Mode : Selecting File Options

影片模式：選擇影片的選項

Deleting Video files

You can delete video files in <File Options>.

1. Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
2. Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting [Play].
3. Slide the [▲/▼] switch to select the video file you want to delete.
4. Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
5. Slide the [▲/▼] switch to select <Delete> and press the [OK] button.
6. Slide the [▲/▼] switch to select from the following. Press the [OK] button.
◆ <Selected>: The selected video file is deleted.
◆ <All>: All video files are deleted.
◆ <Cancel>: Cancel deleting video files.

Note

- ✦ Press and hold the [Menu] button in <Video Play> mode, you can move to <File Options> directly.

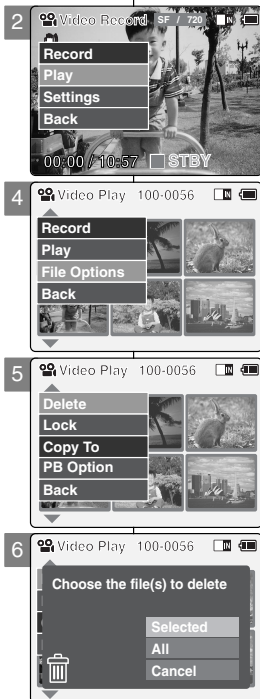
刪除影片檔案

您可在 <File Options> 影片選項> 中刪除 影片檔案。

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
2. 按下 [Menu菜單] 鍵，然後滑動 [▲/▼] 鍵。
選完 [Play放映] 後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來找尋要刪除的影片檔案。
4. 按下 [Menu菜單] 鍵，來選擇 <File Options> 影片選項>，然後按下 OK 鍵。
◆ 您只能在放映模式中選擇 <File Options> 影片選項>。
5. 滑動 [▲/▼] 鍵來選擇 <Delete刪除>，然後按下 OK 鍵。
6. 滑動 [▲/▼] 鍵來選擇下列的方式。
然後按下 OK 鍵
◆ Selected: 選擇要刪除的影片。
◆ All: 刪除全部的影片。
◆ Cancel 取消刪除。

說明

- ✦ 在放映影片模式中持續按住 [Menu菜單] 鍵，您可直接跳到 <File Options> 影片選項>。



Video Mode : Selecting File Options

影片模式 : 選擇影片的選項

Locking Video files

You can lock the important video file to prevent accidental deletion.

- Slide [Mode Selector] down to turn on the CAM.
 - The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Play>.
- Slide the [▲/▼] switch to select the video file you want to lock.
- Press the [Menu] button to select <File Options> and press the [OK] button.
 - You can select <File Options> only in <Play>.
- Slide the [▲/▼] switch to select <Lock> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
 - <Selected> : The selected video file is locked.
 - <All> : All video files are locked.
 - <Cancel> : Cancel locking video files.

鎖定影片檔案

為防止意外刪除,您可以把重要的檔案鎖定。

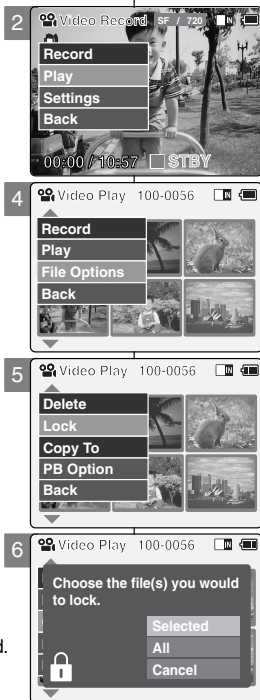
- 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
 - 影片錄製畫面出現。
- 按下[Menu菜單]鍵,然後滑動▲/▼鍵。
選完[Play放映]後按下OK鍵
- 滑動▲/▼鍵來找尋要鎖定的影片檔案。
- 按下[Menu菜單]鍵,來選擇<File Options影片選項>,然後按下OK鍵。
 - 您只能在放映模式中選擇<File Options影片選項>。
- 滑動▲/▼鍵來選擇<Lock鎖定>,然後按下OK鍵。
- 滑動▲/▼鍵來選擇下列的方式。然後按下OK鍵。
 - Selected: 選擇要鎖定的影片。
 - All: 鎖定全部的影片。
 - Cancel 取消鎖定。

Notes

- Press and hold the [Menu] button in <Video Play>, you can move to <File Options> directly.
- The <🔒> icon is displayed when the file is locked.

說明

- 在放映影片模式中持續按住[Menu菜單]鍵,您可直接跳到<File Options影片選項>。
- 當檔案鎖定完成後會出現<🔒>的標記。



Video Mode : Selecting File Options

影片模式：選擇影片的選項

Copying Video files

This allows you to copy files back and forth between the internal and external memory.

- Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Play>.
- Slide the [▲/▼] switch to select the video file you want to copy.
- Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
- Press the [▲/▼] switch to select <Copy To> and press the [OK] button.
◆ If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected> : Copy the selected video file.
◆ <All> : Copy all video files.
◆ <Cancel> : Cancel copying video files.

Note

- Press and hold the [Menu] button in <Video Play>, you can move to <File Options> directly.

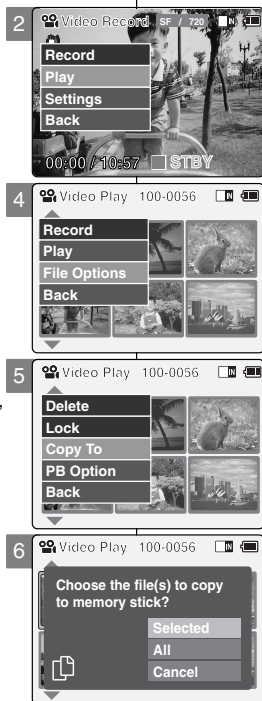
拷貝影片檔案

可以在 內建記憶體 及 外接記憶卡之間互相 拷貝檔案。

- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
- 按下 [Menu菜單] 鍵，然後滑動 [▲/▼] 鍵。
選完 [Play 放映] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來找尋要拷貝的影片檔案。
- 按下 [Menu菜單] 鍵來選擇 <File Options 影片選項>，然後按下 OK 鍵。
◆ 您只能在放映模式中選擇 <File Options 影片選項>。
- 滑動 [▲/▼] 鍵來選擇 <Copy To 拷貝至>，然後按下 OK 鍵。
◆ 如果您選 "External 外接" 檔案會拷貝至外接記憶卡，反之亦然。
- 滑動 [▲/▼] 鍵來選擇下列的方式。
然後按下 OK 鍵。
◆ Selected: 選擇要拷貝的影片。
◆ All: 拷貝全部的影片。
◆ Cancel: 取消拷貝。

說明

- 在放映影片模式中持續按住 [Menu菜單] 鍵，您可以直接跳到 <File Options 影片選項>。



Video Mode : Selecting File Options

影片模式 : 選擇影片的選項

Setting the PB(Play Back) Option

設定PB(放映)選項

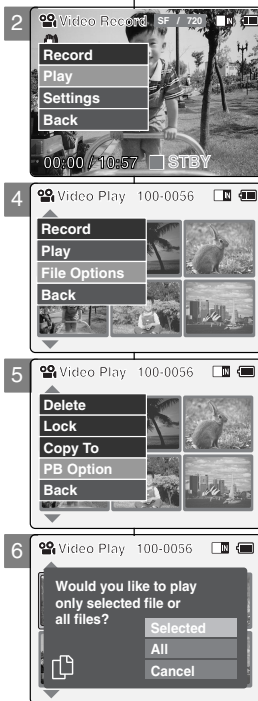
You can play all files continuously or play the selected file only.

您可以設定影片連續放映或只放映選擇的影片。

- Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Play>.
- Slide the [▲/▼] switch to select the video file you want to set.
- Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
- Press the [▲/▼] switch to select <PB Option> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected> : Play the selected video file.
◆ <All> : Play all video files.
◆ <Cancel> : Cancel setting <PB Option>.

Note

- Press and hold the [Menu] button in <Video Play>, you can move to <File Options> directly.



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。
選完[Play放映]後按下OK鍵。
- 滑動[▲/▼]鍵來找尋要設定的影片檔案。
- 按下[Menu菜單]鍵,來選擇<File Options影片選項>,然後按下OK鍵。
◆ 您只能在放映模式中選擇<File Options影片選項>。
- 滑動[▲/▼]鍵來選擇<PB Option放映選項>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇下列的方式。
然後按下OK鍵。
◆ Selected: 選擇要放映的影片。
◆ All: 放映全部的影片。
◆ Cancel: 取消PB放映選項的設定。

說明

- 在放映影片模式中持續按住[Menu菜單]鍵,您可直接跳到<File Options影片選項>。

Video Mode : Setting Various Functions

影片模式：設定其他功能

Setting the Video file Size

You can set the video files size. The file storage capacity depends on the Memory Stick and video file size.

設定影片檔案大小

您可設定影片檔案大小。檔案儲存的容量取決於記憶卡及檔案大小。

1. Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
2. Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
3. Slide the [▲/▼] switch to select <Size> and press the [OK] button.
◆ 720: Selects 720 pixels.
◆ 352: Selects 352 pixels.
4. Slide the [▲/▼] switch to select the video file size and press the [OK] button.
5. Press the [Menu] button to finish setting.
◆ The selected function icon is displayed.

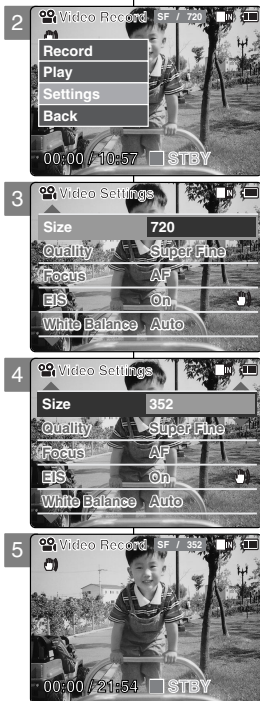
Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button in <Video Record>, you can move to <Settings> directly.

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
2. 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。
選完[Settings設定]後按下OK鍵
3. 滑動[▲/▼]鍵來選擇<Size 大小>,然後按下OK鍵。
◆ 720: 選擇720畫素。
◆ 352: 選擇352畫素。
4. 滑動[▲/▼]鍵來選擇影片檔案的大小,然後按下OK鍵。
5. 按下[Menu菜單]鍵來結束設定。
◆ 所選擇的標記會出現。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到<[Settings設定]>選項。



Video Mode : Setting Various Functions

影片模式 : 設定其他功能

Setting the Video file Quality

You can set the video files quality. The files storage capacity depends on the Memory Stick and video file quality.

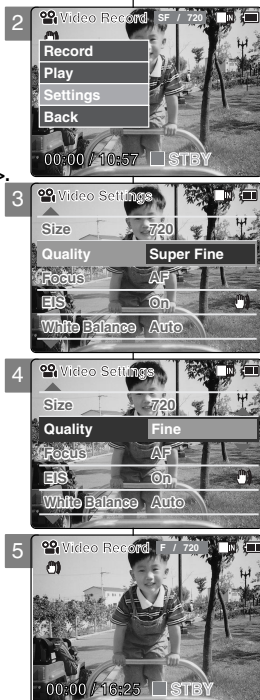
設定影片檔案畫質

您可設定影片檔案的畫質。
檔案儲存的容量取決於記憶卡及檔案的畫質。

- Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <Quality> and press the [OK] button.
◆ <SF>(Super Fine): Selects highest quality.
◆ <F>(Fine): Selects high quality.
◆ <N>(Normal): Selects normal quality.
- Slide the [▲/▼] switch to select the video file quality and press the [OK] button.
- Press the [Menu] button to finish setting.
◆ The selected function icon is displayed.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If you use the Memory Stick, you can select the size and quality of 720/Normal, 352/Fine and 352/Normal only.
- ❖ Press and hold the [Menu] button in <Video Record>, you can move to <Settings> directly.



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
- 按下[Menu菜單]鍵,然後滑動▲/▼]鍵。
選完[Settings設定]後按下OK鍵
- 滑動▲/▼]鍵來選擇<Quality 畫質>,然後按下OK鍵。
◆ SF(超精細): 選擇最高的畫質。
◆ F(精細): 選擇高的畫質。
◆ N(一般): 選擇一般的畫質。
- 滑動▲/▼]鍵來選擇影片檔案的畫質,然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。
◆ 所選擇的標記會出現。

說明

- ❖ 如果您在MENU菜單中選<Back(返回)>時會回到上一個菜單選項。
- ❖ 如果您使用Memory Stick記憶卡時,您只能選擇720/一般,352/精細及352/一般。
- ❖ 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到<[Settings設定]>選項。

Video Mode : Setting Various Functions

影片模式：設定其他功能

Setting the Focus

You can set the focus depending on the subject or environment. In most situations, it is best to use the AF(Auto Focus).

設定對焦

您可依不同的主題設定不同對焦的模式,但在正常情形下,最好使用AF自動對焦。

1. Slide [Mode Selector] down to turn on the CAM.

- ◆ The <Video Record> screen appears.

2. Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Settings>.

3. Slide the [▲/▼] switch to select <Focus> and press the [OK] button.

- ◆ AF: Set the focus automatically. When the CAM turns on, AF is selected by default.

- ◆ MF (MF): Set the focus manually.

4. Slide the [▲/▼] switch to select desired setting and press the [OK] button.

5. Press the [Menu] button to finish setting.

- ◆ The selected function icon is displayed.
- ◆ If you select the <AF>, no icon is displayed.

Manual Focus

Adjust the focus using [+]/[-] button to zoom in or out manually.

- ◆ When a picture contains objects that are both close and far away from the CAM.
- ◆ When a person is enveloped in fog or surrounded by snow.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button during Video Recording to move to <Settings> directly.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。

- ◆ 影片錄製畫面出現。

2. 按下 [Menu 菜單] 鍵, 然後滑動 [▲/▼] 鍵。

- 選完 [Settings 設定] 後按下 OK 鍵。

3. 滑動 [▲/▼] 鍵來選擇 <Focus 對焦>, 然後按下 OK 鍵。

- ◆ AF: 設定為自動對焦。當打開攝影機時會自動設定為自動對焦。

- ◆ MF (MF): 設定為手動對焦。

4. 滑動 [▲/▼] 鍵來選擇所要的對焦方式, 然後按下 OK 鍵。

5. 按下 [Menu 菜單] 鍵來結束設定。

- ◆ 所選擇的標記會出現。
- ◆ 如果您設定為 AF 自動對焦時, 不會出現任何標記。

手動對焦

用 [+]/[-] 鍵拉近拉遠來手動調整焦距。

- ◆ 當拍攝主題同時分別在遠近距離很大的時候。
- ◆ 當人物在霧中或四周是雪不易對焦時。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 在拍攝影片中持續按住 [Menu 菜單] 鍵, 您可直接跳到 <[Settings 設定]> 選項。

Video Mode : Setting Various Functions

Setting the EIS (Electronic Image Stabilizer)

The Electrical Image Stabilizer is a function that compensates for hand shake and other movements while recording.

EIS provides more stable video when:

- ◆ Recording with zooming
- ◆ Recording small objects
- ◆ Recording while walking or moving
- ◆ Recording through the window in the car


1. Slide [Mode Selector] down to turn on the CAM.

- ◆ The <Video Record> screen appears.

2. Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Settings>.

3. Slide the [▲/▼] switch to select <EIS> and press the [OK] button.

- ◆ <On> (): Set the EIS function.
- ◆ <Off>: Cancel the EIS function.

4. Slide the [▲/▼] switch to select desired setting and press the [OK] button.

5. Press the [Menu] button to finish setting.

- ◆ The selected function icon is displayed.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button during Video Recording to move to <Settings> directly.

影片模式 : 設定其他功能

設定EIS防手震

EIS防手震功能能讓您減低在拍攝時因手震動或是在移動的狀態下而引起的畫面模糊。

EIS 提供下列情況下較穩定的畫面：

- ◆ 在使用拉近拉遠伸縮鏡頭時。
- ◆ 拍攝較小的物體時。
- ◆ 一邊走路一邊拍攝時。
- ◆ 透過車窗拍攝時。


1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。

- ◆ 影片錄製畫面出現。

2. 按下[Menu菜單]鍵,然後滑動▲/▼鍵。

選完[Settings設定]後按下OK鍵

3. 滑動▲/▼鍵來選擇<EIS防手震>,然後按下OK鍵。

- ◆ On():設定為防手震。
- ◆ Off:取消防手震功能。

4. 滑動▲/▼鍵來選擇所要的方式,然後按下OK鍵。

5. 按下[Menu菜單]鍵來結束設定。

- ◆ 所選擇的標記會出現。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到<[Settings設定]選項。



Video Mode : Setting Various Functions

影片模式：設定其他功能

Setting the White Balance

The color balance may vary depending on the lighting conditions. The <White Balance> is used to preserve natural colors under different lighting conditions.

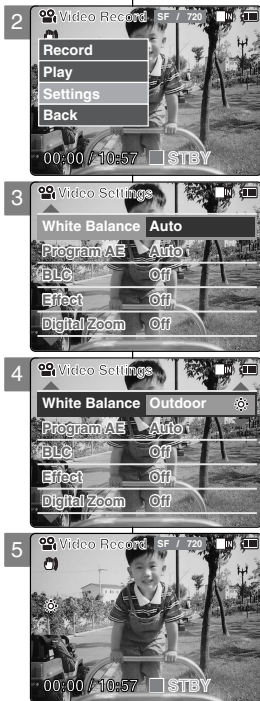
設定白平衡

白平衡會依光源不同而變動。
本功能是為了在不同的光源下能獲得正確的色彩。

- Slide [Mode Selector] down to turn on the CAM.
 - The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <White Balance> and press the [OK] button.
 - <Auto>: The color is adjusted automatically depending on the condition.
 - <Hold> (🔒): Records and Holds (Locks) selected White Balance setting.
 - <Outdoor> (☀️): Records with natural light.
 - <Indoor> (💡): Records with indoor lighting.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
 - The selected function icon is displayed.
 - If you select <Auto>, no icon is displayed.

Notes

- If you select <Back> in the menu, the previous menu appears.
- Turn the <Digital Zoom> off for more accurate White Balance setting.
- Press and hold the [Menu] button during Video Recording to move to <Settings> directly.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。
 - 影片錄製畫面出現。
- 按下 [Menu 菜單] 鍵，然後滑動 [▲/▼] 鍵。選完 [Settings 設定] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇 <White Balance 白平衡>，然後按下 OK 鍵。
 - Auto: 依不同的光源自動調整色彩。
 - Hold (🔒): 保持住目前的白平衡設定。
 - Outdoor (☀️): 以戶外光源來拍攝。
 - Indoor (💡): 以室內光源來拍攝。
- 滑動 [▲/▼] 鍵來選擇所要的方式，然後按下 OK 鍵。
- 按下 [Menu 菜單] 鍵來結束設定。
 - 所選擇的標記會出現。
 - 如果您選 <Auto>，不會出現任何標記。

說明

- 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- 關閉數位變焦可獲得更正確的白平衡設定。
- 在拍攝影片中持續按住 [Menu 菜單] 鍵，您可直接跳到 <[Settings 設定]> 選項。

Video Mode : Setting Various Functions

影片模式 : 設定其他功能

Setting the Program AE (Programmed Auto Exposure)

Program AE allows you to adjust the aperture setting to suit different conditions.

- Slide [Mode Selector] down to turn on the CAM.
 - The <Video Record> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <Program AE> and press the [OK] button.
 - <Auto>: Auto balances between the subject and background to get the best result. The shutter speed automatically varies from 1/60 to 1/250 per second depending on the scene.
 - <Sports> (🏊): For recording fast-moving people or objects. It is suitable for sports events and recording outside in the car.
 - <Spotlight> (☼): Compensates for a subject that appears too bright under strong direct light such as spotlight. It is suitable for concerts and school performances.
 - <Sand/Snow> (❄️): Use when the light is very strong such as on the beach or in the snow.
 - <HS Shutter> (⚡): Allows fast-moving images to be captured one frame at a time.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
 - The selected function icon is displayed.
 - If you select <Auto>, no icon is displayed.

Notes

- If you select <Back> in the menu, the previous menu appears.
- Press and hold the [Menu] button during Video Recording to move to <Settings> directly.

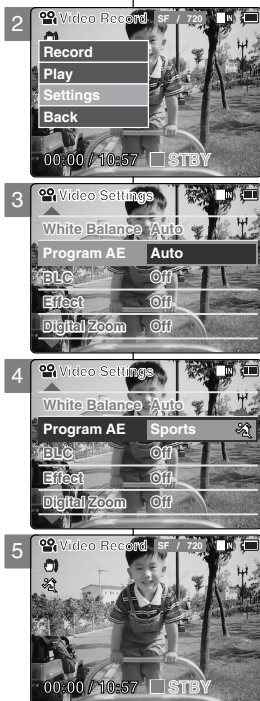
設定自動程式曝光

自動程式曝光會依據現場的光線自動調整曝光。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
 - 影片錄製畫面出現。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。選完[Settings設定]後按下OK鍵
- 滑動[▲/▼]鍵來選擇<Program AE自動程式曝光>,然後按下OK鍵。
 - Auto: 自動調整主題與背景的光線來取得最好的曝光。快門會由1/60秒到1/250秒之間依光線來自動變換。
 - Sport(運動)模式 (🏊): 拍攝快速移動的人或物體,適合拍攝運動比賽或在車內往外拍攝。
 - Spotlight(聚光燈模式) (☼): 在拍攝主題的光線較亮,而四周背景的光線較暗的情況下,使用該模式可以得到正確的曝光,適合拍攝舞台表演等。
 - Sand/Snow(雪地和沙灘模式) (❄️): 在雪地和沙灘的背景之下,拍攝的主題會比較暗,使用此模式可得到正確的曝光。
 - HS Shutter(高速快門模式) (⚡): 用於拍攝快速移動的物體,例如高爾夫或網球運動員的比賽姿態。
- 滑動[▲/▼]鍵來選擇所要的方式,然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。
 - 所選擇的標記會出現。
 - 如果您選<Auto>,不會出現任何標記。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到<[Settings設定]選項。



Video Mode : Setting Various Functions

影片模式 : 設定其他功能

Setting the BLC (Backlight Compensation)

The Backlight Compensation function helps to make the subject brighter when the subject is in front of a window or the subject is too dark to distinguish. You can use this function when using your the CAM in bright or snowy backgrounds.


- Slide [Mode Selector] down to turn on the CAM.

◆ The <Video Record> screen appears.

- Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Settings>.


- Slide the [▲/▼] switch to select <BLC> and press the [OK] button.

◆ <On> (): Set the BLC function.

◆ <Off>: Cancel the BLC function.

- Slide the [▲/▼] switch to select desired setting and press the [OK] button.

- Press the [Menu] button to finish setting.

◆ <  > is displayed.

Notes

- If you select <Back> in the menu, the previous menu appears.
- Press and hold the [Menu] button during Video Recording to move to <Settings> directly.

設定BLC逆光補償

逆光補償功能讓您在拍攝的主題比背景還暗如站在窗口前的時候,可以使主題較亮,適用於如較亮的背景或雪景中。


- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。

◆ 影片錄製畫面出現。

- 按下 [Menu菜單] 鍵,然後滑動 [▲/▼] 鍵。

選完 [Settings設定] 後按下OK鍵


- 滑動 [▲/▼] 鍵來選擇 <BLC逆光補償> , 然後按下OK 鍵。

◆ On(): 設定為逆光補償。

◆ Off: 關閉逆光補償功能。

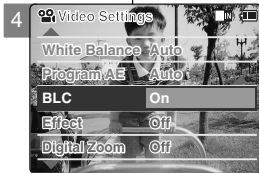
- 滑動 [▲/▼] 鍵來選擇所要的方式,然後按下OK 鍵。

- 按下 [Menu菜單] 鍵來結束設定。

◆ <  > 標記會出現。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到 <[Settings設定] 選項。



Video Mode : Setting Various Functions

Setting the Effect

You can create professional looking effects on your video file.

1. Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
2. Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
3. Slide the [▲/▼] switch to select <Effect> and press the [OK] button.
◆ <Off>: Cancels the <Effect>.
◆ <Art>: Adds artistic effects to your video file.
◆ <Mosaic>: A mosaic overlay appears on your video file.
◆ <Sepia>: The picture is displayed in sepia color similar to that of an old photograph.
◆ <Negative>: Reverses the colors, creating the look of a negative.
◆ <Mirror>: This mode cuts the picture in half using a Mirror effect.
◆ <B & W>: Changes the images into Black and White.
◆ <Emboss>: Embossing effects on your video file.
4. Slide the [▲/▼] switch to select desired setting and press the [OK] button.
5. Press the [Menu] button to finish setting.
◆ The Effect icon is displayed in the lower right corner.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button during Video Recording to move to <Settings> directly.

影片模式 : 設定其他功能

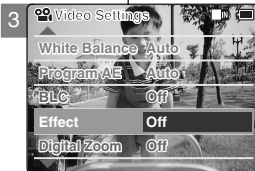
設定特殊效果

您可以在影片上創造出各種專業的特殊效果

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
◆ 影片錄製畫面出現。
2. 按下[Menu菜單]鍵,然後滑動▲/▼鍵。
選完[Settings設定]後按下OK鍵
3. 滑動▲/▼鍵來選擇<Effect特殊效果>,然後按下OK鍵。
◆ Off: 關閉特殊效果功能。
◆ Art藝術模式: 該模式將賦於影像一種藝術的效果
◆ Mosaic馬賽克模式: 該模式將賦於影像馬賽克的效果。
◆ Sepia復古模式: 該模式將賦於影像紅褐色如舊照片的效果
◆ Negative負片模式: 該模式將賦於影像反轉為負片的效果
◆ Mirror鏡射模式: 該模式將賦於影像對半剪切,以產生鏡像的效果。
◆ B&W黑白模式: 該模式將影像轉為黑白的效果。
◆ Emboss浮雕模式: 該模式將影像轉為如浮雕的效果。
4. 滑動▲/▼鍵來選擇所要的方式,然後按下OK鍵。
5. 按下[Menu菜單]鍵來結束設定。
◆ 特效的標記會出現右下方。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 在拍攝影片中持續按住[Menu菜單]鍵,您可直接跳到<[Settings設定]選項。



Video Mode : Setting Various Functions

Setting the Digital Zoom

You can magnify the optical zoom(x10) digitally. The Digital Zoom processes data to enlarge the center portion of the image to fill the frame. It may produce a less detailed and slightly grainy picture.

1. Slide [Mode Selector] down to turn on the CAM.

- ◆ The <Video Record> screen appears.

2. Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Settings>.

3. Slide the [▲/▼] switch to select <Digital Zoom> and press the [OK] button.

- ◆ <On>: Sets the Digital Zoom. (X100)
- ◆ <Off>: Cancels the Digital Zoom.

4. Slide the [▲/▼] switch to select desired setting and press the [OK] button.

5. Press the [Menu] button to finish setting.

- ◆ 4 zoom indicators increase after setting the Digital Zoom.

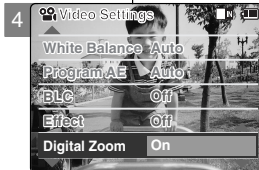
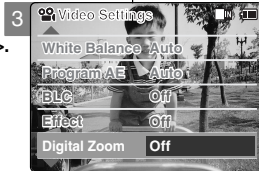
Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button during Video Recording to move to <Settings> directly.

影片模式：設定其他功能

設定數位變焦

您能用 10 倍的光學變焦。數位變焦能把物體由畫面中央放大至 100 倍。但數位變焦會造成細節部份不清及稍微粗粒畫面。



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機。

- ◆ 影片錄製畫面出現。

2. 按下 [Menu 菜單] 鍵，然後滑動 [▲/▼] 鍵。

選完 [Settings 設定] 後按下 OK 鍵

3. 滑動 [▲/▼] 鍵來選擇 <Digital Zoom 數位變焦>，然後按下 OK 鍵。

- ◆ On: 設定為數位變焦 (100 倍)。
- ◆ Off: 取消數位變焦功能。

4. 滑動 [▲/▼] 鍵來選擇所要的方式，然後按下 OK 鍵。

5. 按下 [Menu 菜單] 鍵來結束設定。

- ◆ 設定完 4 個變焦指示標記會出現。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 在拍攝影片中持續按住 [Menu 菜單] 鍵，您可直接跳到 <[Settings 設定]> 選項。

2 Photo Mode

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Photo Mode : Capturing

拍照模式：拍照

Capturing Images

You can take photos as well as record video files.

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
◆ The CAM is ready for taking pictures.
◆ [📷] indicator is displayed on LCD.
3. Press [Record/Stop] button to take pictures.

Note

- ❖ If the battery is low and the battery charge icon blinks, the light will not operate and the light icon (💡) will not appear in the LCD screen.

拍攝照片

您可如同拍攝影片一樣來拍攝照片。

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機，然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 *Photo* 拍照模式，然後按下 OK 鍵。
◆ 本機已準備拍照。
◆ [📷] 標記出現在液晶螢幕
3. 按 [Record/Stop] 拍攝/停止鍵來拍攝照片。

說明

- ❖ 如果電池的電力減弱，充電指示在閃爍時，此時燈光無法操作。
燈光的標記 (💡) 也不會出現在液晶螢幕上。

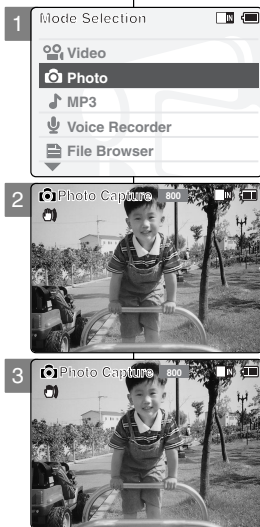


Photo Mode : Capturing

拍照模式：拍照

Zooming In and Out

Zooming lets you change the size of the subject captured in a scene.

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - ◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
 - ◆ To take pictures, press the [Record/Stop] button again.

拉近及拉遠

拉近及拉遠的變焦讓您改變拍攝物體的大小。

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - ◆ 模式選擇畫面出現。
2. 滑動[▲/▼]鍵來選擇 *Photo* 拍照模式,然後按下OK鍵。
 - ◆ 要拍照時,按[Record/Stop拍攝/停止鍵]。



Slide the [▲/▼] switch up to zoom out.

- The subject appears farther away when you zoom out.



Slide the [▲/▼] switch down to zoom in.

- The subject appears closer when you zoom in.

Zoom Out



Zoom In



向上滑動[▲/▼]鍵來拉遠
• 被攝物体会越來越遠



向下滑動[▲/▼]鍵來拉近。
• 被攝物体会越來越近

Note

- ✦ Frequent use of zooming may result in higher battery power consumption.

說明

- ✦ 經常的使用拉近或拉遠會損耗電力

Photo Mode : Viewing

拍照模式：觀看

Viewing Photo files on the LCD Monitor

在液晶螢幕上觀看照片檔案

The LCD monitor allows you to view your photo right after taking them.

液晶螢幕可以讓您在拍完照片後立即觀看照片

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
◆ The <Photo Capture> screen appears.
3. Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <View>.
4. Slide the [▲/▼] switch to find the photo you want to view.
◆ Each time you slide the [▲/▼] switch, the frame moves horizontally.
◆ Each time you press the [+]/[-] button, a page (6 frames) moves.
5. Press [OK] button to view the photo you want.
◆ The full screen displays.

Note

- ❖ Display time may vary depending on the picture size.

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 *Photo* 拍照模式,然後按下 OK 鍵。
◆ 出現照片拍攝的畫面。
3. 按下 [Menu 菜單] 鍵,然後滑動 [▲/▼] 鍵。
選完 [View 觀看] 後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇要觀看的照片。
◆ 每次您滑動 [▲/▼] 鍵時,畫面會以水平移動。
◆ 每次您按 [+]/[-] 鍵時,下一頁的 6 格畫面會出現。
5. 按下 OK 鍵來觀看照片。
◆ 以全螢幕顯現照片。

說明

- ❖ 照片出現快慢的時間是依照片的大小而定。

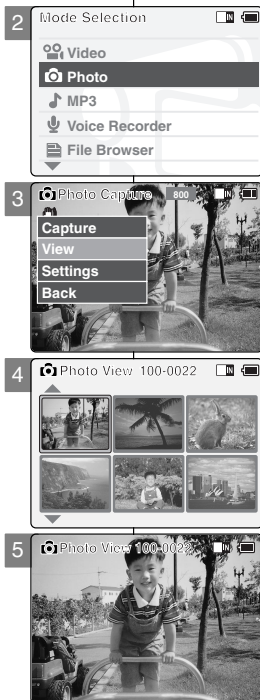


Photo Mode : Selecting File Options

拍照模式：檔案選項的選擇

Deleting Photo files

You can delete photo files in <File Options>.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select [Photo] mode and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <View>.
- Slide the [▲/▼] switch to select the photo file you want to delete.
- Press the [Menu] button to select <File Options> and press the [OK] button.
 - You can select <File Options> only in <View>.
- Slide the [▲/▼] switch to select <Delete> and press the [OK] button.
- Slide the [▲/▼] switch to select the following and press the [OK] button.
 - <Selected>: The selected photo file is deleted.
 - <All>: All photo files are deleted.
 - <Cancel>: Cancel deleting photo files.

Note

- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

刪除照片檔案

在<File Option檔案選項>中,您可以刪除照片。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[Photo拍照]模式,然後按下OK鍵。
 - 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。選完[View觀看]後按下OK鍵。
- 滑動[▲/▼]鍵來選擇要刪除的照片。
- 按下[Menu菜單]鍵來選擇<File Option檔案選項>,然後按下OK鍵。
 - 您只能在[View觀看]中選擇<File Option檔案選項>。
- 滑動[▲/▼]鍵來選擇[Delete刪除]模式,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇以下的模式,然後按下OK鍵。
 - Selected: 選擇要刪除的照片。
 - All: 刪除全部的照片。
 - Cancel: 取消刪除。

說明

- 在照片觀看中持續按住[Menu菜單]鍵,您可直接跳到<File Option檔案選項>。

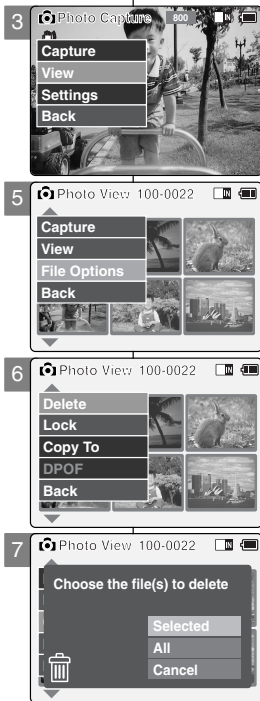


Photo Mode : Selecting File Options

拍照模式：檔案選項的選擇

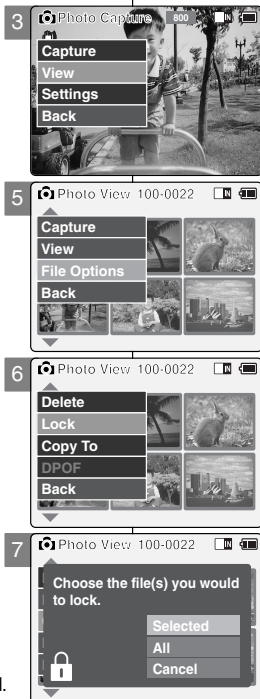
Locking Photo files

鎖定照片檔案

You can lock important photo files so they can not be deleted.

您可以把重要的照片鎖定，不會被意外刪除。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **Photo mode** and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <View>.
 - The <Photo View> screen appears.
- Slide the [▲/▼] switch to select the photo file you want to lock.
- Press the [Menu] button to select <File Options> and press the [OK] button.
 - You can select <File Options> only in <View>.
- Slide the [▲/▼] switch to select <Lock> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
 - <Selected>: The selected photo file is locked.
 - <All>: All photo files are locked.
 - <Cancel>: Cancel locking photo files.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機，然後再向下扳動一次
 - 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [Photo 拍照] 模式，然後按下 OK 鍵。
 - 出現照片拍攝的畫面。
- 按下 [Menu 菜單] 鍵，然後滑動 [▲/▼] 鍵。選完 [View 觀看] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇要鎖定的照片。
- 按下 [Menu 菜單] 鍵來選擇 <File Option 檔案選項>，然後按下 OK 鍵。
 - 您只能在 [View 觀看] 中選擇 <File Option 檔案選項>。
- 滑動 [▲/▼] 鍵來選擇 Lock 鎖定模式，然後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇以下的模式，然後按下 OK 鍵。
 - Selected: 選擇要鎖定的照片。
 - All: 鎖定全部的照片。
 - Cancel: 取消鎖定。

Notes

- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.
- The <🔒> icon is displayed when the file is locked.

說明

- 在照片觀看中持續按住 [Menu 菜單] 鍵，您可直接跳到 <File Option 檔案選項>。
- 當檔案鎖定完成後會出現 <🔒> 的標記。

Photo Mode : Selecting File Options

拍照模式：檔案選項的選擇

Setting DPOF (Digital Print Order Format) Function

DPOF (Digital Printing Order Format) creates print information for photos you select and numbers them on the Memory Stick or Memory Stick Pro. You can easily make prints on a DPOF compatible printer or order copies.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **Photo mode** and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and side the [▲/▼] switch.

Press the [OK] button after selecting <View>.
- Slide the [▲/▼] switch to select the photo file you want to print.
- Press the [Menu] button to select <File Options> and press the [OK] button.
- Slide the [▲/▼] switch to select <DPOF> and press the [OK] button.
 - You can select <DPOF> only when you've selected <External> as the storage type. Refer to page 32.
- Slide the [▲/▼] switch to select the number of copies you want to print.

Notes

- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.
- Refer to page 116 for further details about DPOF function and printing DPOF files.
- You can set up to 30 copies for DPOF printing.

設定DPOF直接列印

DPOF能讓您的Memory Stick或Memory Stick PRO記憶卡內的照片作出列印標記及列印數量。您可以在支援DPOF的印表機上直接列印照片。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機，然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動▲/▼鍵來選擇 [Photo拍照] 模式，然後按下OK鍵。
 - 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵，然後滑動▲/▼鍵。

選完[View觀看]後按下OK鍵。
- 滑動▲/▼鍵來選擇要列印的照片。
- 按下[Menu菜單]鍵來選擇<File Option檔案選項>，然後按下OK鍵。
- 滑動▲/▼鍵來選擇[DPOF]模式，然後按下OK鍵。
 - 您只能在您選記憶卡型態為“External外接”時選擇<DPOF>（見32頁）。
- 滑動▲/▼鍵來選擇列印的數量。

說明

- 在照片觀看中持續按住[Menu菜單]鍵，您可直接跳到<File Option檔案選項>。
- 請參考116頁有關DPOF功能的進一步細節。
- 以DPOF列印時，最多可設至列印30張。

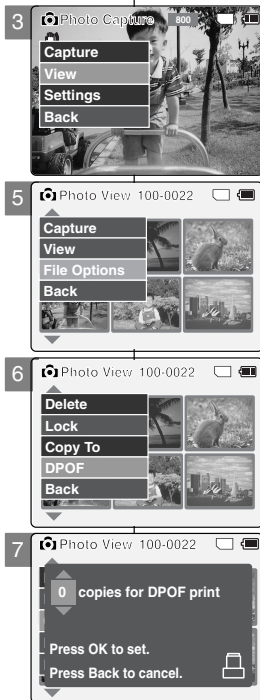


Photo Mode : Selecting File Options

拍照模式：檔案選項的選擇

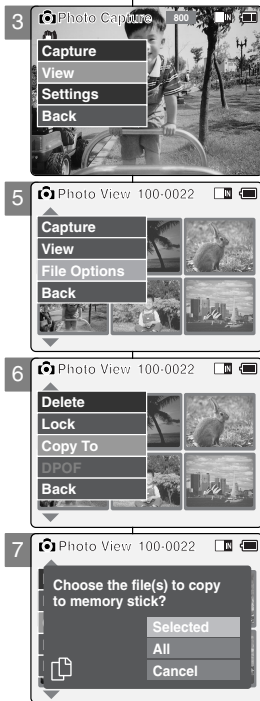
Copying Photo files

拷貝照片檔案

You can copy photo files to the internal or external memory.

您可以拷貝照片檔案到內建記憶體或記憶卡上。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <View>.
 - You can select <File Options> only in <View>.
- Slide the [▲/▼] switch to select <Copy To> and press the [OK] button.
 - If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
 - <Selected>: Copy the selected photo file.
 - <All>: Copy all photo files.
 - <Cancel>: Cancel copying photo files.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機，然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [*Photo* 拍照] 模式，然後按下 OK 鍵。
 - 出現照片拍攝的畫面。
- 按下 [Menu 菜單] 鍵，然後滑動 [▲/▼] 鍵。選完 [View 觀看] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇要拷貝的照片。
- 按下 [Menu 菜單] 鍵來選擇 <File Option 檔案選項>，然後按下 OK 鍵。
 - 您只能在 [View 觀看] 中選擇 <File Option 檔案選項>。
- 滑動 [▲/▼] 鍵來選擇 Copy To 拷貝至模式，然後按下 OK 鍵。
 - 如果您選 "External 外接"，檔案會拷貝至外接記憶卡，反之亦然。
- 滑動 [▲/▼] 鍵來選擇以下的模式，然後按下 OK 鍵。
 - Selected: 選擇要拷貝的照片。
 - All: 拷貝全部的照片。
 - Cancel: 取消拷貝。

Note

- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

說明

- 在照片觀看中持續按住 [Menu 菜單] 鍵，您可直接跳到 <File Option 檔案選項>。

Photo Mode : Setting Various Functions

拍照模式：設定其他功能

Setting the Photo file Size

You can set the photo files size. The amount of photo files that can be stored depends on the Memory Stick capacity and photo file size.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
◆ The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <Size> and press the [OK] button.
◆ You can select 800x600 or 640x480 size.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

設定照片大小

您可設定照片的大小。
可拍攝數是由記憶卡大小及照片的大小而定。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇 [*Photo*拍照] 模式, 然後按下OK鍵。
◆ 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。
選完[Setting設定]後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Size大小>,然後按下OK鍵。
◆ 您可從800X600 及 640X480 之間選擇大小。
- 滑動[▲/▼]鍵來選擇您要的項目,然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 在照片觀看中持續按住[Menu菜單]鍵,您可直接跳到<File Option檔案選項>。

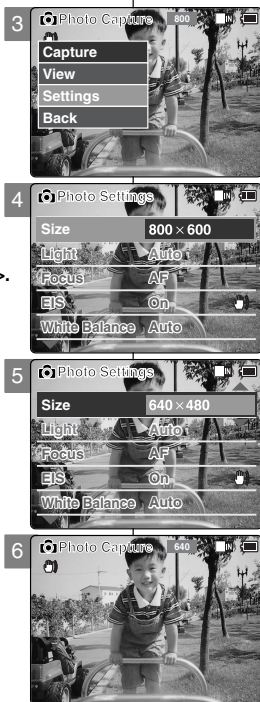


Photo Mode : Setting Various Functions

拍照模式：設定其他功能

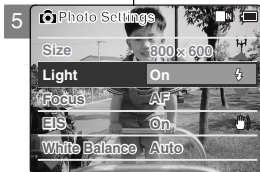
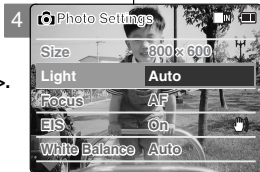
Setting the Light

設定燈光

The Light only works in Photo Mode and allows the user to take photos where there is insufficient light.

燈光只能在拍照模式中使用,讓您在光線不足時,以燈光來補光。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
◆ The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <Light> and press the [OK] button.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
◆ <Auto>: Sets the light automatically.
◆ <On> (☀): Turns on the light.
◆ <Off> (☁): Turns off the light.
- Press the [Menu] button to finish setting.
◆ The selected function icon is displayed.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [Photo 拍照] 模式, 然後按下 OK 鍵。
◆ 出現照片拍攝的畫面。
- 按下 [Menu 菜單] 鍵,然後滑動 [▲/▼] 鍵。
選完 [Setting 設定] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Light 燈光>,然後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇您要的項目,然後按下 OK 鍵。
◆ Auto: 燈光設定為全自動。
◆ On (☀): 強制打開燈光。
◆ Off (☁): 關閉燈光。
- 按下 [Menu 菜單] 鍵來結束設定。
◆ 所選擇項目的標記會出現。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button in <Photo View>, you can move to <File Options> directly.
- ❖ If the battery is low and the battery charge icon blinks, the light will not operate and light icon is set to off state.

說明

- ❖ 說如果 您在 MENU 菜單中選<Back 返回>時會回到上一個菜單選項。
- ❖ 在照片觀看中持續按住 [Menu 菜單] 鍵, 您可直接跳到 <File Option 檔案選項>。
- ❖ 如果電池的電力減弱 充電指示在閃爍時,此時燈光無法操作,燈光的標記也不會出現在液晶螢幕上。

Photo Mode: Setting Various Functions

拍照模式：設定其他功能

Setting the Focus

You can set the focus depending on the subject or the environment.
In most situations, you can record the best photo using AF(Auto Focus).

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - ◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select **Photo** mode and press the [OK] button.
 - ◆ The <Photo Capture> screen appears.
3. Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <Settings>.
 - ◆ The <Photo Settings> screen appears.
4. Slide the [▲/▼] switch to select <Focus> and press the [OK] button.
 - ◆ AF: Sets the focus automatically. When the CAM turns on, AF is selected by default.
 - ◆ MF(⦿): Sets the focus manually.
5. Slide the [▲/▼] switch to select desired setting and press the [OK] button.
 - ◆ The selected function icon is displayed.
 - ◆ If you select AF, no icon is displayed.
6. Press the [Menu] button to finish setting.

Manual Focus

Adjust the focus using [+]/[-] button to zoom in or out manually.

- ◆ When a picture has subjects close or distant to the CAM
- ◆ When a person is enveloped in fog or surrounded by snow

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

設定對焦

您可依不同的主題設定不同對焦的模式,但在正常情形下,最好使用AF自動對焦



1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - ◆ 模式選擇畫面出現。
2. 滑動[▲/▼]鍵來選擇 [Photo拍照] 模式, 然後按下OK鍵。
 - ◆ 出現照片拍攝的畫面。
3. 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。選完[Setting設定]後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<Focus 對焦>,然後按下OK鍵。
 - ◆ AF:設定為自動對焦。當打開攝影機時會自動設定為自動對焦。
 - ◆ MF(⦿):設定為手動對焦。
5. 滑動[▲/▼]鍵來選擇您要的項目, 然後按下OK鍵。
6. 按下[Menu菜單]鍵來結束設定。
 - ◆ 所選擇項目的標記會出現。
 - ◆ 如果您設定為AF自動對焦時,不會出現任何標記。

手動對焦

用[+]/[-]鍵拉近拉遠來手動調整焦距。

- ◆ 當拍攝主題同時分別在遠近距離很大的時候。
- ◆ 當人物在霧中或四周是雪不易對焦時。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 在照片觀看中持續按住[Menu菜單]鍵, 您可直接跳到<File Option檔案選項>。

Photo Mode : Setting Various Functions


拍照模式：設定其他功能

Setting the EIS (Electronic Image Stabilizer)


設定EIS防手震

The Electrical Image Stabilizer is a function that compensates for hand shake and other movements while taking pictures. Refer to page 46 for further details.

EIS防手震功能能讓您減低在拍攝時因手震動或是在移動的狀態下而引起的畫面模糊。細節請參考46頁。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Photo* mode and press the [OK] button.
◆ The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <EIS> and press the [OK] button.
◆ <On>(): Sets the EIS function.
◆ <Off>: Cancels the EIS function.
- Slide the [▲/▼] switch to select the desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
◆ The icon of selected function is displayed.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [*Photo*拍照] 模式, 然後按下 OK 鍵。
◆ 出現照片拍攝的畫面。
- 按下 [Menu菜單] 鍵,然後滑動 [▲/▼] 鍵。
選完 [Setting設定] 後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇 <EIS防手震>,然後按下 OK 鍵。
◆ On(): 設定為防手震。
◆ Off 關閉防手震。
- 滑動 [▲/▼] 鍵來選擇您要的項目, 然後按下 OK 鍵。
- 按下 [Menu菜單] 鍵來結束設定。
◆ 所選擇項目的標記會出現。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 在照片觀看中持續按住 [Menu 菜單] 鍵, 您可直接跳到 <File Option 檔案選項>。

Photo Mode : Setting Various Functions

拍照模式：設定其他功能

Setting the White Balance

The color balance may vary depending on the lighting conditions. The <White Balance> is used to preserve natural colors under different lighting conditions.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **Photo mode** and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.

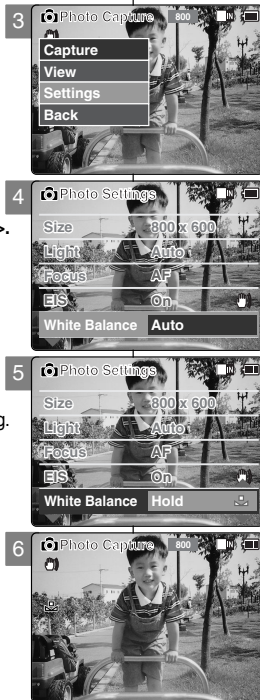
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <White Balance> and press the [OK] button.
 - <Auto>: The color is adjusted automatically depending on the condition.
 - <Hold> (📷): Records and holds (Locks) selected White Balance setting.
 - <Outdoor> (🌞): Records with natural light.
 - <Indoor> (💡): Records with the indoor lighting.
- Slide the [▲/▼] switch to select the desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
 - The selected function icon is displayed.
 - If you select <Auto>, no icon is displayed.

Notes

- If you select <Back> in the menu, the previous menu appears.
- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

設定白平衡

白平衡會依光源不同而變動。
本功能是為了在不同的光源下能獲得正確的色色。



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[Photo拍照]模式,然後按下OK鍵。
 - 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。選完[Setting設定]後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<White Balance白平衡>,然後按下OK鍵。
 - Auto: 依不同的光源自動調整色彩。
 - Hold(📷): 保持住目前的白平衡設定。
 - Outdoor(🌞): 以戶外光源來拍攝。
 - Indoor(💡): 以室內光源來拍攝。
- 滑動[▲/▼]鍵來選擇您要的項目,然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。
 - 所選擇項目的標記會出現。
 - 如果您設定為<Auto自動>時,不會出現任何標記。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 在照片觀看中持續按住[Menu菜單]鍵,您可直接跳到<File Option檔案選項>。

Photo Mode : Setting Various Functions

拍照模式：設定其他功能

Setting the Program AE (Programmed Auto Exposure)

設定自動程式曝光

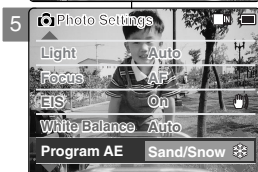
It allows you to adjust the aperture setting to suit different conditions.

自動程式曝光會依據現場的光線自動調整曝光。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **Photo mode** and press the [OK] button.
 - The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch. Press the [OK] button after selecting <Settings>.
 - The <Photo Capture> screen appears.
- Slide the [▲/▼] switch to select <Program AE> and press the [OK] button.
 - <Auto>: Auto balances between the subject and background to get the best result. The shutter speed automatically varies from 1/60 to 1/250 per second depending on the scene.
 - <Sports>(🏊): For fast-moving people or objects. It is suitable for sports events or when you are outside in the car.
 - <Spotlight>(💡): Compensates for a subject that appears too bright under strong direct light such as spotlight. It is suitable for concerts and school performances.
 - <Sand/Snow>(❄️): Use when the light is very strong such as on the beach or in the snow.
 - <HS Shutter>(⌂): Allows fast-moving images to be captured one frame at a time.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
 - The selected function icon is displayed.
 - If you select <Auto>, any icon is not displayed.

Notes

- If you select <Back> in the menu, the previous menu appears.
- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機，然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[Photo拍照]模式，然後按下OK鍵。
 - 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵，然後滑動[▲/▼]鍵。選完[Setting設定]後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Program AE 自動程式曝光>，然後按下OK鍵。
 - Auto: 自動調整主題與背景的光線來取得最好的曝光。快門會由1/60秒到1/250秒之間依光線來自動變換。
 - Sport(運動)模式(🏊): 拍攝快速移動的人或物體。適合拍攝運動比賽或在車內往外拍攝。
 - Spotlight(聚光燈模式)(💡): 在拍攝主題的光線較亮，而四周背景的光線較暗的情況下，使用該模式可以得到正確的曝光，適合拍攝舞台表演等。
 - Sand/Snow(雪地和沙灘模式)(❄️): 在雪地和沙灘的背景之下，拍攝的主題會比較暗，使用此模式可以得到正確的曝光。
 - HS Shutter(高速快門模式)(⌂): 用於拍攝快速移動的物體，例如高爾夫或網球運動員的比賽姿態。
- 滑動[▲/▼]鍵來選擇您要的項目，然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。
 - 所選擇項目的標記會出現。
 - 如果您設定為<Auto自動>時，不會出現任何標記。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 在照片觀看中持續按住[Menu菜單]鍵，您可直接跳到<File Option檔案選項>。

Photo Mode : Setting Various Functions

拍照模式：設定其他功能

Setting the BLC (Backlight Compensation)

設定BLC逆光補償

The Backlight Compensation function helps to make the subject brighter when the subject is in front of a window or the subject is too dark to distinguish. You can use this function when using the CAM in situations with bright backgrounds.

逆光補償功能讓您在拍攝的主題比背景還暗如站在窗戶前的時候,可以使主題較亮,適用於較亮的背景或雪景中拍照。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **Photo** mode and press the [OK] button.
◆ The <Photo Capture> screen appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <Settings>.
- Slide the [▲/▼] switch to select <BLC> and press the [OK] button.
◆ <On> (BLC): Sets the BLC function.
◆ <Off>: Cancels the BLC function.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
- Press the [Menu] button to finish setting.
◆ <BLC> is displayed.

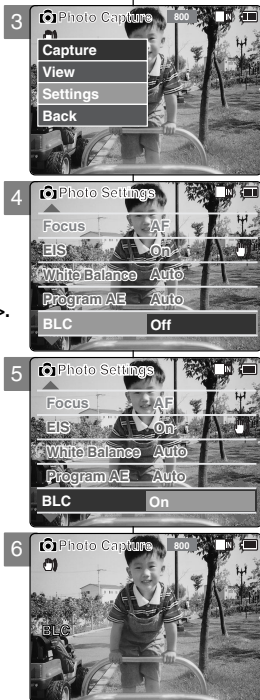
- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[Photo拍照]模式,然後按下OK鍵。
◆ 出現照片拍攝的畫面。
- 按下[Menu菜單]鍵,然後滑動[▲/▼]鍵。
選完[Setting設定]後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<BLC逆光補償>,然後按下OK鍵。
◆ On(BLC): 設定為逆光補償。
◆ Off: 關閉逆光補償功能。
- 滑動[▲/▼]鍵來選擇您要的項目,然後按下OK鍵。
- 按下[Menu菜單]鍵來結束設定。
◆ <BLC>標記會出現。

Notes

- If you select <Back> in the menu, the previous menu appears.
- Press and hold the [Menu] button in <Photo View> to move to <File Options> directly.

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 在照片觀看中持續按住[Menu菜單]鍵,您可直接跳到<File Option檔案選項>。



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3

MP3/Voice Recorder
Mode/Using File Browser

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3

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MP3 Mode : Storing Music in the CAM

Copying Music files to the CAM

You can transfer music files from your PC to the internal memory, Memory Stick or Memory Stick Pro. For copying music files, the CAM must be connected to your PC with the USB cable.

1. Connect the CAM to a PC with the USB cable.

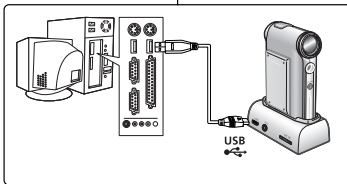
- ◆ Your computer recognizes the CAM and the symbol for removable drive will appear in 'My Computer'.

2. Double-click the new removable drive to open.

3. Select the MP3 folder and double-click to enter.

4. Drag and drop the MP3 file from your PC into the MP3 folder under SAMSUNG.

- ◆ Refer to the folder structure on page 29 for copying MP3 files.



Disconnecting USB Connection

After completing the data transfer, you must disconnect the cable in the following way.

1. Select the removable disk icon and click the right mouse button to select 'Safely Remove Hardware'.
2. Select 'Stop' and disconnect the USB cable when the pop-up screen disappears.

Notes

- ✦ Transferring and playing with the Memory Stick operates in the same way as the internal memory.
- ✦ Refer to page 113 for installing USB Driver for Windows 98SE.
- ✦ When connecting the CAM to your PC, if the message 'USB-D07 Capture Device hasn't passed Windows Logo testing' appears, do not be concerned, it is OK to proceed with file transfer.

MP3 模式：儲存音樂到本機內

拷貝音樂到本機內

您能把音樂檔案從電腦傳輸到有建記憶體或Memory Stick, Memory Stick PRO記憶卡內。為了拷貝檔案,要先用USB連接線把本機與電腦連結。

1. 用USB連接線連結本機與電腦。

- ◆ 電腦會自動辨認攝影機,並且在"我的電腦"出現可移動式硬碟。

2. 滑鼠雙擊可移動式硬碟來開啟。

3. 選擇電腦MP3的目錄,然後滑鼠雙擊來開啟。

4. 把電腦內的MP3檔案拖曳到MSAMSUNG目錄下的MP3目錄中。

- ◆ 請參考29頁檔案結構。(But Page 29 is empty?)

拔除USB連接

檔案傳輸完畢後,您要依照以下方式拔除USB連接。

1. 選擇可移動式硬碟,然後右擊滑鼠來選擇"安全移除可移動式硬碟"。
2. 在跳出的視窗中選擇"停用",然後再拔除USB連接。

說明

- ✦ 在記憶卡上的傳輸及播放的操作同樣適用於內建記憶體。
- ✦ 使用Windows 98SE平台的USB安裝請參考第113頁。
- ✦ 如果連接攝影機與電腦時,出現"USB-D07 Capture Device hasn't passed Windows Logo testing"時,不必理會它,同樣可以傳輸檔案。

MP3 Mode : Playing

MP3 模式：播放

Playing Music files

You can hear the music copied from your PC directly or with the Memory Stick.

播放音樂檔案

您能從記憶卡內聽取音樂。

1. Connect the earphones to the CAM.

- ◆ You can also hear the music from the Built-in speaker without the earphones.

2. Slide [Mode Selector] down to turn on the CAM and slide it down again.

- ◆ The Mode Selection screen appears.

3. Slide the [▲/▼] switch to select MP3 mode and press the [OK] button.

4. Slide the [▲/▼] switch to find the music you want to hear and press the [OK] button.

- ◆ The selected music is played.

5. Press the [OK] button again to stop hearing music.

- ◆ Each time you press the [OK] button, play or pause is selected alternately.

The use of [▲/▼] switch

❖ Press the [▲] switch

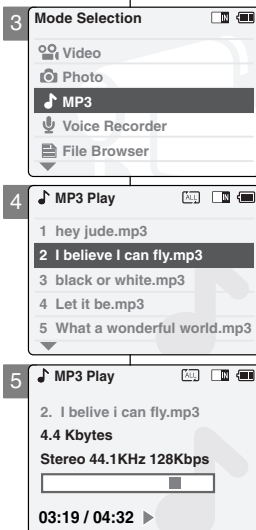
First 2 seconds after start playing - the previous file appears. 2 seconds after start playing - the first scene of the file appears.

❖ Press the [▼] switch

The next file appears.

Notes

- ❖ '---' is displayed depending on the title of MP3 file.
- ❖ If you slide the Hold switch to on, all buttons except the Power switch and volume +/- button are locked. The MP3 hold switch operates only in the MP3 mode.
- ❖ In MP3 playback mode, a file name may not be displayed correctly or an MP3 file may not playback. In this case, rename the file name using English alphabets only.



1. 連接耳機到攝影機。

- ◆ 您也可以不用耳機,直接從內建麥克風聽取音樂。

2. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。

- ◆ 模式選擇畫面出現。

3. 滑動[▲/▼]鍵來選擇 [MP3] 模式, 然後按下OK鍵。

4. 滑動[▲/▼]鍵來選擇要播放的音樂檔案,然後按下OK鍵。

- ◆ 選擇的音樂開始播放。

5. 再按下OK鍵可停止播放。

- ◆ 每次您按下OK鍵可在播放及暫停之間切換。

[▲/▼] 鍵的使用

❖ 按下[▲] 鍵

在開始的頭2秒鐘按下時,會回到前一個檔案。在開始的2秒鐘後按下時,第一個檔案會出現。

❖ 按下[▼] 鍵

下一個檔案會出現。

說明

- ❖ " "會依據MP3檔案的標題而出現。
- ❖ 如果您滑動Hold鍵暫停不動時,除了電源開關及音量+/-以外的按鍵都不能使用。
- ❖ MP3 Hold鍵只能在MP3模式中使用。

MP3 Mode : Selecting Play Options

MP3 模式：選擇播放選項

Setting Repeat Play

設定重複播放

You can play the only one or all music files repeatedly.

您可設定單曲或全部音樂檔案的重複播放。

1. Connect the earphones to the CAM.

- ◆ You can also hear the music from the Built-in speaker without the earphones.

2. Slide [Mode Selector] down to turn on the CAM and slide it down again.

- ◆ The <Mode Selection> screen appears.

3. Slide the [▲/▼] switch to select MP3 mode and press the [OK] button.

- ◆ Press the [Menu] button when the music list appears.

4. Slide the [▲/▼] switch to select <Play Options> and press the [OK] button.

5. Slide the [▲/▼] switch to select <Repeat> and press the [OK] button.

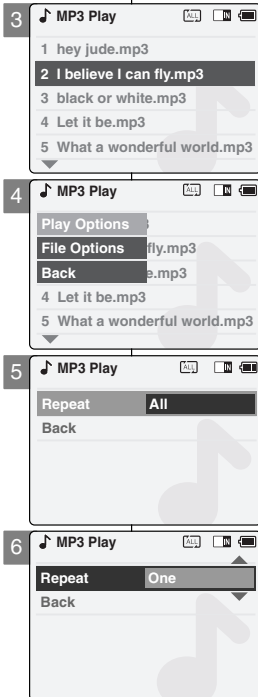
- ◆ <All>: All files are repeated.
- ◆ <Off>: Cancels the Repeat Play function.
- ◆ <One>: One file is repeated.

6. Slide the [▲/▼] switch to select desired setting and press the [OK] button.

7. Press the [Menu] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.



1. 連接耳機到攝影機。

- ◆ 您也可以不用耳機,直接從內建麥克風聽取音樂。

2. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次

- ◆ 模式選擇畫面出現。

3. 滑動 [▲/▼] 鍵來選擇 [MP3] 模式, 然後按下 OK 鍵。

- ◆ 出現音樂檔案選單時,按 [Menu 菜單] 鍵。

4. 滑動 [▲/▼] 鍵來選擇 <Play Options 放映選項>, 然後按下 OK 鍵。

5. 滑動 [▲/▼] 鍵來選擇 <Repeat 重複>, 然後按下 OK 鍵。

- ◆ All: 全部的檔案重複播放。
- ◆ Off 停止重複播放。
- ◆ One 單曲的檔案重複播放

6. 滑動 [▲/▼] 鍵來選擇要播放的音樂檔案, 然後按下 OK 鍵。

7. 按下 [Menu 菜單] 鍵來結束設定。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。

MP3 Mode : Selecting File Options

MP3 模式：選擇檔案選項

Deleting Music files

You can delete the music file you want.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select MP3 mode and press the [OK] button.
◆ Press the [Menu] button when the music list appears.
- Slide the [▲/▼] switch to select <File Options> and press the [OK] button.
- Slide the [▲/▼] switch to select <Delete> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: The selected music file is deleted.
◆ <All>: All music files are deleted.
◆ <Cancel>: Cancels deleting music files.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

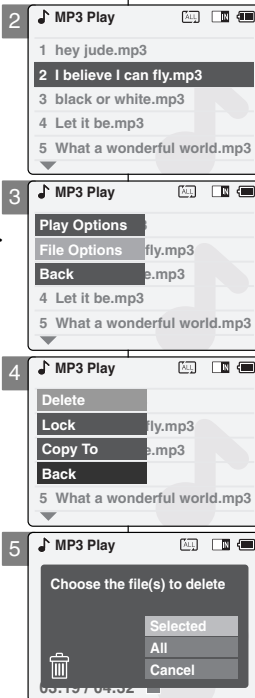
刪除音樂檔案

您可以刪除音樂檔案。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[MP3]模式,然後按下OK鍵。
◆ 出現音樂檔案選單時,按[Menu菜單]鍵。
- 滑動[▲/▼]鍵來選擇<File Options檔案選項>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Delete刪除>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇下列的選項,然後按下OK鍵。
◆ Selected: 選擇要刪除的音樂。
◆ All: 刪除全部的音樂。
◆ Cancel: 取消刪除。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。



MP3 Mode : Selecting File Options

MP3 模式：選擇檔案選項

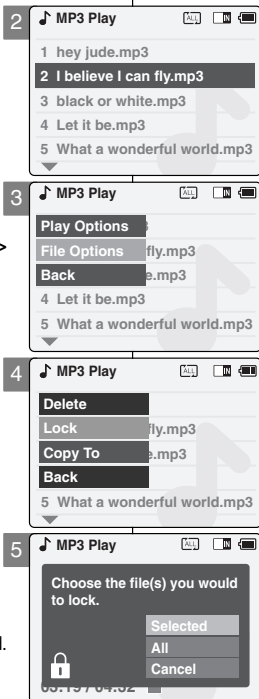
Locking Music files

鎖定音樂檔案

You can lock important music files so they can not be deleted.

您可以把重要的音樂檔案鎖定，不會被意外刪除。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select MP3 mode and press the [OK] button.
◆ Press the [Menu] button when the music list appears.
3. Slide the [▲/▼] switch to select <File Options> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Lock> and press the [OK] button.
5. Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: The selected music file is locked.
◆ <All>: All music files are locked.
◆ <Cancel>: Cancels locking music files.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機，然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [MP3] 模式，然後按下 OK 鍵。
◆ 出現音樂檔案選單時，按 [Menu 菜單] 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <File Options 檔案選項>，然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Lock 鎖定>，然後按下 OK 鍵。
5. 滑動 [▲/▼] 鍵來選擇下列的選項，然後按下 OK 鍵。
◆ Selected: 選擇要鎖定的音樂。
◆ All: 鎖定全部的音樂。
◆ Cancel: 取消鎖定。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ The <🔒> icon is displayed when the file is locked.

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 當檔案鎖定完成後會出現 <🔒> 的標記。

MP3 Mode : Selecting File Options

MP3 模式：選擇檔案選項

Copying Music files

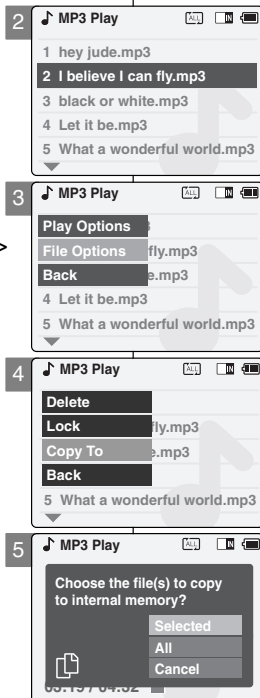
拷貝音樂檔案

You can copy the music file to the internal or external memory.

您可以拷貝音樂檔案到內建記憶體或記憶卡上。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select MP3 mode and press the [OK] button.
◆ Press the [Menu] button when the music list appears.
3. Slide the [▲/▼] switch to select <File Options> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Copy To> and press the [OK] button.
◆ If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.
5. Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: Copies the selected music file.
◆ <All>: Copies all music files.
◆ <Cancel>: Cancels copying music files.

1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
2. 滑動[▲/▼]鍵來選擇[MP3]模式,然後按下OK鍵。
◆ 出現音樂檔案選單時,按[Menu菜單]鍵。
3. 滑動[▲/▼]鍵來選擇<File Options檔案選項>,然後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<Copy To拷貝至>,然後按下OK鍵。
◆ If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.
5. 滑動[▲/▼]鍵來選擇下列的選項,然後按下OK鍵。
◆ Selected: 選擇要拷貝的音樂。
◆ All: 拷貝全部的音樂。
◆ Cancel: 取消拷貝。



Note

- ❖ If you set the Hold function with the MP3 Hold switch, you can't delete, lock or copy music files. You can only use Power switch and volume [+]/[-] buttons.

說明

- ❖ 如果您滑動MP3 Hold鍵暫停不動時,您不能刪除,鎖定或拷貝任何音樂檔案,只能使用電源開關及音量+/-的按鍵。

Voice Recorder Mode : Recording

語音記錄模式：語音錄製

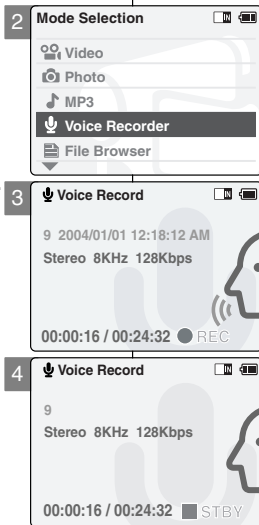
Recording Voice

錄製聲音

You can record voice using the built-in microphone in the CAM.

您可使用本機的有建麥克風來錄製語音檔案。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *Voice Recorder* mode and press the [OK] button.
3. Press the [Record/Stop] button to record voice.
◆ The elapsed time and <● REC> is displayed. The CAM starts recording.
4. Press the [Record/Stop] button to stop recording voice.
◆ <■ STBY> is displayed and it stops recording.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現.
2. 滑動[▲/▼]鍵來選擇 [Voice Recorder語音錄製] 模式, 然後按下OK鍵.
◆ 出現音樂檔案選單時,按[Menu菜單]鍵.
3. 按下 [Record/Stop拍攝/停止]鍵來開始錄製語音.
◆ 開始錄製時,已錄製時間及<● REC> 會出現.
4. 按下 [Record/Stop拍攝/停止]鍵來停止錄製語音
◆ 會出現<■ STBY> ,然後停止錄製。

Voice Recorder Mode : Playing

語音記錄模式：播放

Playing Voice files

You can hear the voice file connecting earphones.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Voice Recorder* mode and press the [OK] button.
- Press the [Menu] button when the <Voice Record> screen appears.
- Slide the [▲/▼] switch to select <Play> and press the [OK] button.
- Slide the [▲/▼] switch to select the file you want to play.
- Press the [OK] button to play the recorded voice.
 - Press the [OK] button to pause playing.

The button and switch you use when playing the recording

Play/Pause [OK] button: Play or pause the voice file

Rewind [▲] switch: Rewind the voice file backward (Press and hold over 2 seconds)/Move to the previous file

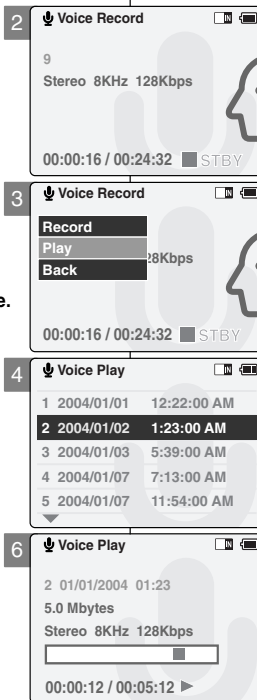
Fast Forward [▼] switch: Wind the voice file forward (Press and hold over 2 seconds)/Move to the next file

Note

- Press the [Back] button while recording standby status to view the file list.

播放語音檔案

連接耳機後您可聽到錄製的語音。



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇 [Voice Recorder語音錄製] 模式, 然後按下O K鍵。
- 當出現語音錄製畫面時,按下[Menu菜單]鍵。
- 滑動[▲/▼]鍵來選擇<Play播放>,然後按下O K鍵。
- 滑動[▲/▼]鍵來選擇您要播放的檔案。
- 按下O K鍵來播放。
 - 再按一下OK鍵來暫停播放。

在播放語音中您使用的按鍵

Play/Pause[OK]鍵: 播放或暫停用。

Rewind[▲]鍵: 向後倒退語音檔案(持續按住超過兩秒鐘)移至前一個檔案。

Fast Forward[▼]鍵: 向前推進語音檔案(持續按住超過兩秒鐘)移至前一個檔案

說明

- 在錄製準備中,按下<Back返回>鍵可觀看檔案列表。

Voice Recorder Mode : Selecting File Options

Deleting Voice files

You can delete voice files you no longer want.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Voice Recorder* mode and press the [OK] button.
- Press the [Menu] button when the <Voice Record> Screen appears.
- Slide the [▲/▼] switch to select <Play> and press the [OK] button.
- Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
- Slide the [▲/▼] switch to select <Delete> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: The selected voice file is deleted.
◆ <All>: All voice files are deleted.
◆ <Cancel>: Cancels deleting voice files.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

語音記錄模式：檔案選項的選擇

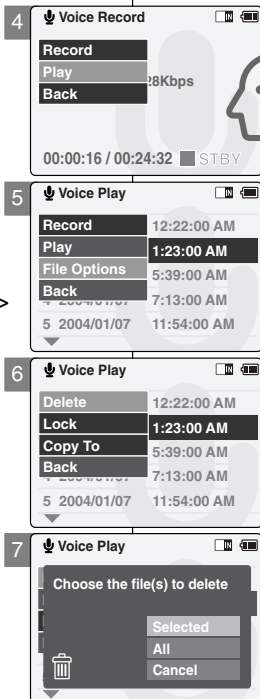
刪除語音檔案

不需要的語音檔案您可以刪除掉。

- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 *[Voice Recorder語音錄製]* 模式, 然後按下 O K 鍵。
- 當出現 語音錄製畫面時,按下 [Menu菜單] 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Play播放>,然後按下 O K 鍵。
- 按下 [Menu菜單] 鍵來選擇 <File Options檔案選項>,然後按下 O K 鍵。
◆ 您只能在 <Play播放> 中選取 <File Options檔案選項>。
- 滑動 [▲/▼] 鍵來選擇 <Delete刪除>,然後按下 O K 鍵。
- 滑動 [▲/▼] 鍵來選擇下列的選項,然後按下 O K 鍵
◆ Selected: 選擇要刪除的語音檔案。
◆ All: 刪除全部的語音檔案。
◆ Cancel: 取消刪除。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。



Voice Recorder Mode : Selecting File Options

語音記錄模式：檔案選項的選擇

Locking Voice files

You can lock important voice files so they can not be deleted.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Voice Recorder* mode and press the [OK] button.
- Press the [Menu] button when the <Voice Record> screen appears.
- Slide the [▲/▼] switch to select <Play> and press the [OK] button.
- Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
- Slide the [▲/▼] switch to select <Lock> and press the [OK] button.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: The selected voice file is locked.
◆ <All>: All voice files are locked.
◆ <Cancel>: Cancels locking voice files.

鎖定語音檔案

您可以把重要的語音檔案鎖定,不會被意外刪除。

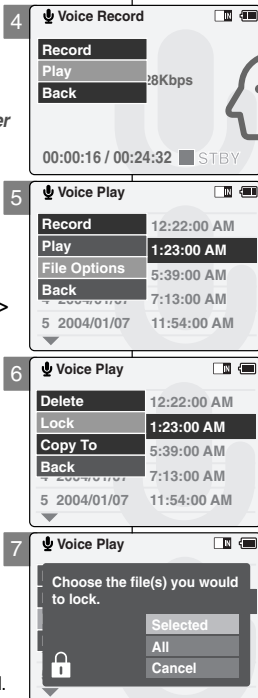
- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇 *[Voice Recorder語音錄製]* 模式,然後按下O K鍵。
- 當出現語音錄製畫面時,按下[Menu菜單]鍵。
- 滑動[▲/▼]鍵來選擇<Play播放>,然後按下O K鍵。
- 按下[Menu菜單]鍵來選擇<File Options檔案選項>,然後按下O K鍵。
◆ 您只能在<Play播放>中選取<File Options檔案選項>。
- 滑動[▲/▼]鍵來選擇<Lock鎖定>,然後按下O K鍵。
- 滑動[▲/▼]鍵來選擇下列的選項,然後按下O K鍵
◆ Selected: 選擇要鎖定的語音檔案。
◆ All: 鎖定全部的語音檔案。
◆ Cancel: 取消鎖定。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ The <🔒> icon is displayed when the file is locked.

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 當檔案鎖定完成後會出現<🔒>的標記。



Voice Recorder Mode : Selecting File Options

語音記錄模式：檔案選項的選擇

Copying Voice files

You can copy the voice file to the internal or external memory.

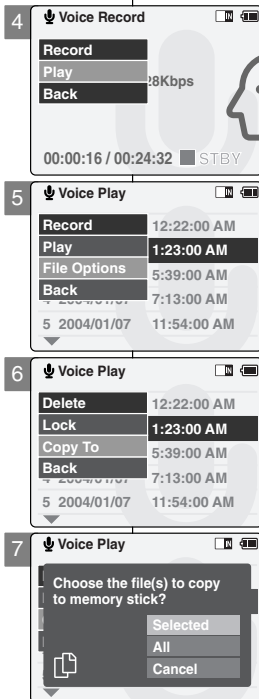
拷貝語音檔案

您可以拷貝語音檔案到內建記憶體或記憶卡上

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *Voice Recorder* mode and press the [OK] button.
- Press the [Menu] button when the <Voice Record> screen appears.
- Slide the [▲/▼] switch to select <Play> and press the [OK] button.
- Press the [Menu] button to select <File Options> and press the [OK] button.
◆ You can select <File Options> only in <Play>.
- Slide the [▲/▼] switch to select <Copy To> and press the [OK] button.
◆ If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.
- Slide the [▲/▼] switch to select from the following and press the [OK] button.
◆ <Selected>: Copies the selected voice file.
◆ <All>: Copies all voice files.
◆ <Cancel>: Cancels copying voice files.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [Voice Recorder 語音錄製] 模式, 然後按下 O K 鍵。
- 當出現語音錄製畫面時,按下 [Menu 菜單] 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Play 播放>,然後按下 O K 鍵。
- 按下 [Menu 菜單] 鍵來選擇 <File Options 檔案選項>,然後按下 O K 鍵。
◆ 您只能在 <Play 播放> 中選取 <File Options 檔案選項>。
- 滑動 [▲/▼] 鍵來選擇 <Copy TO 拷貝至>,然後按下 O K 鍵。
◆ 如果您選 "External 外接", 檔案會拷貝至外接記憶卡,反之亦然
- 滑動 [▲/▼] 鍵來選擇下列的選項,然後按下 O K 鍵
◆ Selected: 選擇要拷貝的語音檔案。
◆ All: 拷貝全部的語音檔案。
◆ Cancel 取消拷貝。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。

Using File Browser

使用檔案瀏覽

Deleting Files or Folders

刪除檔案或目錄

You can delete the file(AVI, MP3, JPEG, WAV) or folders you recorded.

您可刪除檔案(AVI, JPEG, WAV)或目錄。

1. Slide the [Mode Selector] down to turn on the CAM and press it again.

- ◆ The <Mode Selection> screen appears.

2. Slide the [▲/▼] switch to select *File Browser* and press the [OK] button.

3. Slide the [▲/▼] switch to select the folder to find the file you want to delete.

Press the [OK] button.

- ◆ Press the [Menu] button if you want to delete the selected folder.
- ◆ Perform these steps repeatedly until the file you want to delete appears.

4. Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Delete>.

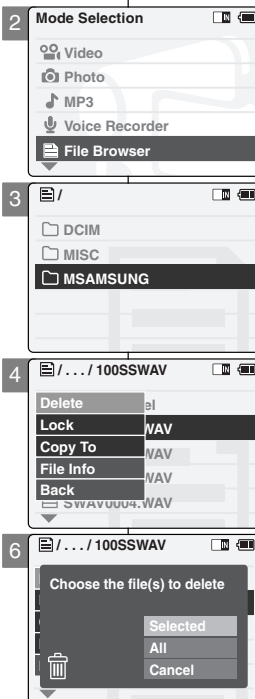
5. Slide the [▲/▼] button to select the setting you want.

Press the [OK] button.

- ◆ <Selected>: The selected file is deleted.
- ◆ <All>: All files are deleted.
- ◆ <Cancel>: Cancels deleting files.

Note

- ✦ If you select <Back> in the menu, the previous menu appears.



1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再按一次。

- ◆ 模式選擇畫面出現。

2. 滑動[▲/▼]鍵來選擇 [File Browser檔案瀏覽] 模式, 然後按下OK鍵。

3. 滑動[▲/▼]鍵來選擇您要刪除目錄下的檔案,然後按下OK鍵。

- ◆ 如果您要刪除該目錄的話,按下[Menu菜單]鍵。
- ◆ 依照重複這些步驟使您要刪除的檔案出現。

4. 按下[Menu菜單]鍵,及滑動[▲/▼]鍵,然後在選取<Delete刪除>後按下OK鍵。

5. 滑動[▲/▼]鍵來選擇您要的方式,然後按下OK鍵。

- ◆ Selected: 選擇要刪除的語音檔案。
- ◆ All: 刪除全部的語音檔案。
- ◆ Cancel: 取消刪除。

說明

- ✦ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。

Using File Browser

使用檔案瀏覽

Locking Files

鎖定檔案

You can lock the important video or photo files so they can not be deleted.

您可以把重要的影片,照片檔案鎖定,不會被意外刪除。

1. Slide the [Mode Selector] down to turn on the CAM and press it again.

◆ The <Mode Selection> screen appears.

2. Slide the [▲/▼] switch to select *File Browser* and press the [OK] button.

3. Slide the [▲/▼] switch to select the file you want to lock.

Press the [OK] button.

◆ Perform these steps repeatedly until the file you want to lock appears.

4. Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Lock>.

5. Slide the [▲/▼] button to select from the following and press the [OK] button.

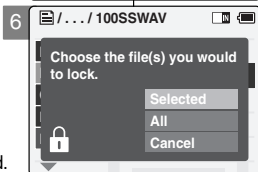
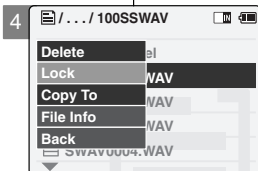
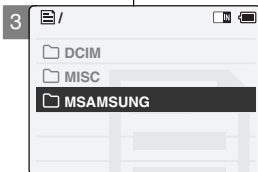
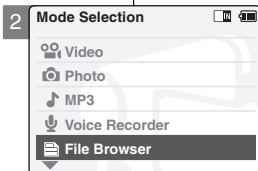
◆ <Selected>: The selected file is locked.

◆ <All>: All files are locked.

◆ <Cancel>: Cancels locking files.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ You can't lock folders.
- ❖ The <🔒> icon is displayed when the file is locked.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再按一次。

◆ 模式選擇畫面出現。

2. 滑動 [▲/▼] 鍵來選擇 [File Browser 檔案瀏覽] 模式, 然後按下 OK 鍵。

3. 滑動 [▲/▼] 鍵來選擇您要鎖定的檔案,然後按下 OK 鍵。

◆ 依照重複這些步驟使您要鎖定的檔案出現。

4. 按下 [Menu 菜單] 鍵,及滑動 [▲/▼] 鍵,然後在 選取 <Lock 鎖定> 後按下 OK 鍵。

5. 滑動 [▲/▼] 鍵來選擇您要的方式,然後按下 OK 鍵。

◆ Selected: 選擇要鎖定的語音檔案。

◆ All: 鎖定全部的語音檔案。

◆ Cancel: 取消鎖定。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 您不能鎖定目錄。
- ❖ 當檔案鎖定完成後會出現 <🔒> 的標記。

Using File Browser

使用檔案瀏覽

Copying Files or Folders

拷貝檔案或目錄

You can copy the file or folder to the internal or external memory.

您可以拷貝檔案或目錄到內建記憶體或記憶卡上

- Slide the [Mode Selector] down to turn on the CAM and press it again.

- The <Mode Selection> screen appears.

- Slide the [▲/▼] switch to select **File Browser** and press the [OK] button.

- Slide the [▲/▼] switch to select the folder to find the file you want to copy. Press the [OK] button.

- Press the [Menu] button if you want to copy the selected folder.

- Perform these steps repeatedly until the file you want to copy appears.

- Press the [Menu] button and slide the [▲/▼] switch.

Press the [OK] button after selecting <Copy To>.

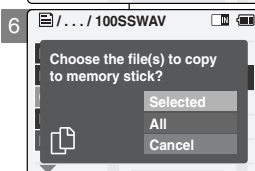
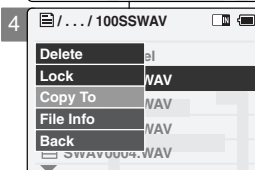
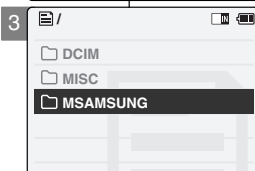
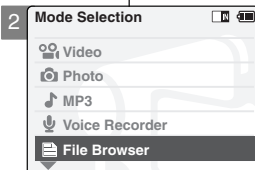
- If you selected <External> as the Storage type, the file is copied to <Internal> and vice versa.

- Slide the [▲/▼] button to select from the following and press the [OK] button.

- <Selected>: Copies the selected file.

- <All>: Copies all files.

- <Cancel>: Cancels copying files.



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再按一次。

- 模式選擇畫面出現。

- 滑動[▲/▼]鍵來選擇 [File Browser檔案瀏覽] 模式,然後按下OK鍵。

- 滑動[▲/▼]鍵來選擇您要拷貝的目錄下的檔案,然後按下OK鍵。

- 如果您要拷貝該目錄的話,按下[Menu菜單]鍵。
- 依照重複這些步驟使您要拷貝的檔案出現。

- 按下[Menu菜單]鍵,及滑動[▲/▼]鍵,然後在選取 <Copy To拷貝至>後按下OK鍵。

- 如果您選"External外接",檔案會拷貝至外接記憶卡,反之亦然

- 滑動[▲/▼]鍵來選擇您要的方式,然後按下OK鍵。

- Selected: 選擇要拷貝的檔案。
- All: 拷貝全部的檔案。
- Cancel: 取消拷貝。

Note

- If you select <Back> in the menu, the previous menu appears.

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。

Using File Browser

使用檔案瀏覽

Viewing File Information

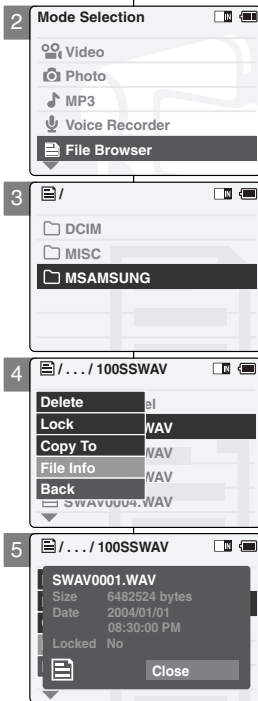
You can see the file name, format, size and date.

- Slide the [Mode Selector] down to turn on the CAM and press it again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *File Browser* and press the [OK] button.
- Slide the [▲/▼] switch to select the file you want to see its file information.
Press the [OK] button.
◆ Perform these steps repeatedly until the file you want to see its file information appears.
- Press the [Menu] button and slide the [▲/▼] switch.
Press the [OK] button after selecting <File Info>.
◆ The screen with file name, format, size and date appears.
- Press the [OK] button to finish viewing file information.
◆ If you select <Close> in the screen, the screen disappears.

查看檔案資訊

您可以查看檔案名稱,規格,大小及日期等資訊。

- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再按一次。
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [File Browser 檔案瀏覽] 模式, 然後按下 O K 鍵。
- 滑動 [▲/▼] 鍵來選擇您要查看的檔案,然後按下 O K 鍵。
◆ 依照重複這些步驟使您要查看的檔案出現。
- 按下 [Menu 菜單] 鍵,及滑動 [▲/▼] 鍵,然後在 選取 <File Info 檔案資訊> 後按下 O K 鍵。
◆ 螢幕會出現該檔案名稱,規格,大小及日期等資訊。
- 按下 O K 鍵來結束查看。
◆ 如果您選擇 <Close 關閉>, 螢幕資訊會消失。



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Setting the CAM : Adjusting the LCD Monitor

攝影機的設定：調整液晶螢幕

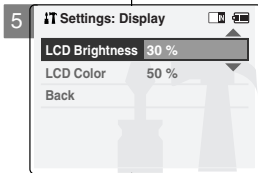
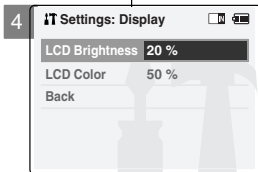
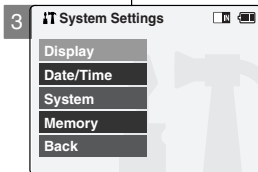
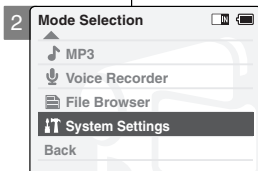
Adjusting the LCD Brightness

You can adjust the brightness of the LCD monitor to compensate for ambient lighting conditions.

調整液晶螢幕的亮度

依照周遭環境的亮度,您可調整液晶螢幕的亮度來達到適合的觀看。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <Display> and press the [OK] button.
4. Slide the [▲/▼] switch to select <LCD Brightness> and press the [OK] button.
◆ You can adjust the LCD Brightness from 0% to 100%.
5. Slide the [▲/▼] switch to select the brightness you want.
6. Press the [Back] button to finish setting.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <Display 顯示>, 然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <LCD Brightness 液晶螢幕亮度>, 然後按下 OK 鍵。
◆ 您可調整的範圍為 0% 到 100%。
5. 滑動 [▲/▼] 鍵來調整您要的亮度。
6. 按下 [Back 返回] 鍵來結束調整。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ A brighter LCD Monitor setting consumes more battery power.

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 當液晶螢幕的亮度越亮時, 越會耗電。

Setting the CAM : Adjusting the LCD Monitor

攝影機的設定：調整液晶螢幕

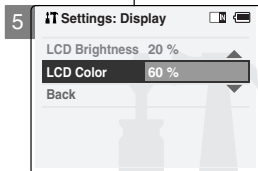
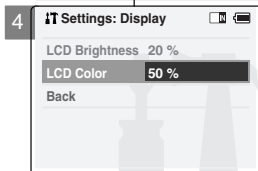
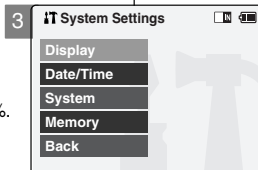
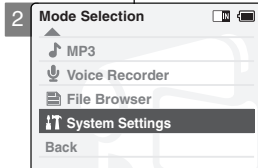
Adjusting the LCD Color

You can adjust the color of the LCD monitor depending on the situation.

調整液晶螢幕的彩度

依照周遭的環境,您也可調整液晶螢幕的彩度。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <Display> and press the [OK] button.
4. Slide the [▲/▼] switch to select <LCD Color> and press the [OK] button.
◆ You can adjust the LCD Color from 0% to 100%.
5. Slide the [▲/▼] switch to select the color you want.
6. Press the [Back] button to finish setting.



1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
2. 滑動[▲/▼]鍵來選擇[System Setting 系統設定]模式,然後按下OK鍵。
3. 滑動[▲/▼]鍵來選擇<Display顯示>,然後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<LCD Color 液晶螢幕彩度>,然後按下OK鍵。
◆ 您可調整的範圍為0%到100%。
5. 滑動[▲/▼]鍵來調整您要的彩度。
6. 按下[Back返回]鍵來結束調整。

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。

Setting the CAM : Adjusting Date/Time

攝影機的設定：調整日期/時間

Setting Time

時間的設定

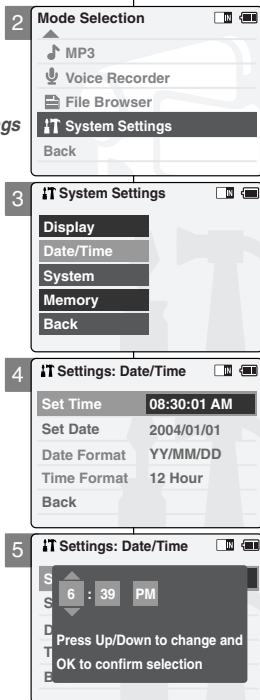
You can adjust the time.

您可以調整本機內部時鐘的時間。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <Date/Time> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Set Time> and press the [OK] button.
5. Slide the [▲/▼] switch to set the time and press the [OK] button.
◆ Slide the [▲/▼] switch to change the setting and press the [OK] button to confirm selection and move to the next setting.
6. Press the [Back] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <Date/Time 日期/時間>, 然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Set Time 設定時間>, 然後按下 OK 鍵。
5. 滑動 [▲/▼] 鍵來設定時間, 然後按下 OK 鍵。
◆ 滑動 [▲/▼] 鍵來調整您要的時間, 然後按下 OK 鍵來確定後再進行下一個調整。
6. 按下 [Back 返回] 鍵來結束調整。

說明

- ❖ 如果您在MENU菜單中選<Back 返回>時會回到上一個菜單選項。

Setting the CAM : Adjusting Date/Time

攝影機的設定：調整日期/時間

Setting Date

You can adjust the date.

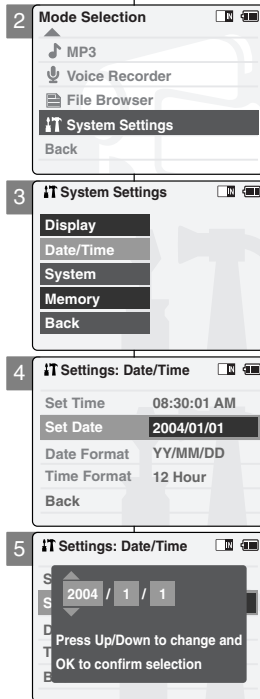
日期的設定

您可以調整本機內部時鐘的日期。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <Date/Time> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Set Date> and press the [OK] button.
5. Slide the [▲/▼] switch to set the date and press the [OK] button.
◆ Slide the [▲/▼] switch to change the setting and press the [OK] button to confirm selection and move to the next setting.
6. Press the [Back] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.



1. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
2. 滑動[▲/▼]鍵來選擇[System Setting 系統設定]模式,然後按下OK鍵。
3. 滑動[▲/▼]鍵來選擇<Date/Time日期/時間>,然後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<Set Date設定日期>,然後按下OK鍵。
5. 滑動[▲/▼]鍵來設定日期,然後按下OK鍵。
◆ 滑動[▲/▼]鍵來調整您要的日期,然後按下OK鍵來確定後再進行下一個調整。
6. 按下[Back返回]鍵來結束調整。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。

Setting the CAM : Adjusting Date/Time

攝影機的設定：調整日期/時間

Setting Date Format

You can select the date format to display.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <Date/Time> and press the [OK] button.
- Slide the [▲/▼] switch to select <Date Format> and press the [OK] button.
- Slide the [▲/▼] switch to select the desired format and press the [OK] button.
◆ <YY/MM/DD>: The date is displayed in order as Year/Month/Date.
◆ <DD/MM/YY>: The date is displayed in order as Date/Month/Year.
◆ <MM/DD/YY>: The date is displayed in order as Month/Date/Year.
- Press the [Back] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

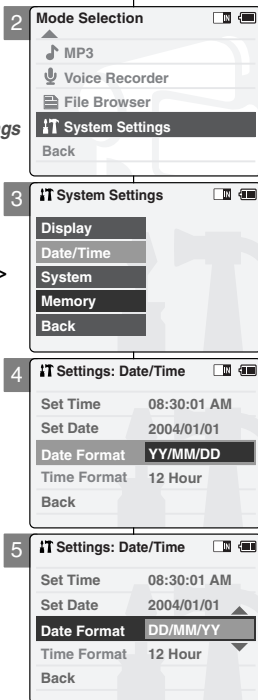
設定日期的格式

您可選擇日期出現的格式。

- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Date/Time 日期/時間>, 然後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Date Format 日期格式>, 然後按下 OK 鍵。
- 滑動 [▲/▼] 鍵來設定所要的日期格式, 然後按下 OK 鍵。
◆ YY/MM/DD: 以 年/月/日 格式出現。
◆ DD/MM/YY: 以 日/月/年 格式出現。
◆ MM/DD/YY: 以 月/日/年 格式出現
- 按下 [Back 返回] 鍵來結束調整。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。



Setting the CAM : Adjusting Date/Time

攝影機的設定：調整日期/時間

Setting Time Format

You can select the time format to display.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <Date/Time> and press the [OK] button.
- Slide the [▲/▼] switch to select <Time Format> and press the [OK] button.
- Slide the [▲/▼] switch to select the desired format and press the [OK] button.
 - <12 Hour>: The time is displayed in 12 hour units.
 - <24 Hour>: The time is displayed in 24 hour units.
For example, 2:00 PM will display as 14:00.
- Press the [Back] button to finish setting.

Note

- If you select <Back> in the menu, the previous menu appears.

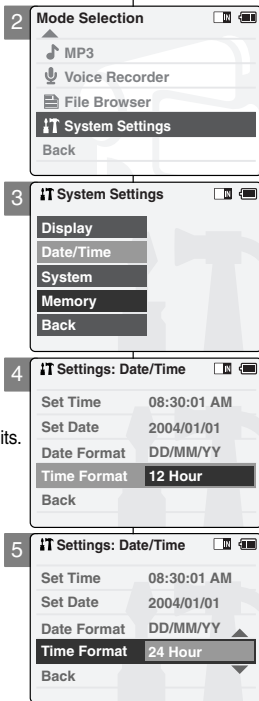
設定時間的格式

您可選擇時間出現的格式。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇 [*System Setting* 系統設定] 模式, 然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Date/Time日期/時間>, 然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Time Format時間格式>, 然後按下OK鍵。
- 滑動[▲/▼]鍵來設定所要的時間格式, 然後按下OK鍵。
 - 12 Hour: 以 12小時制格式出現。
 - 24 Hour: 以 24小時制格式出現,例如下午 2:00 會以 14:00來顯示。
- 按下[Back返回]鍵來結束調整。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。



Setting the CAM : Setting the System

攝影機的設定：系統的設定

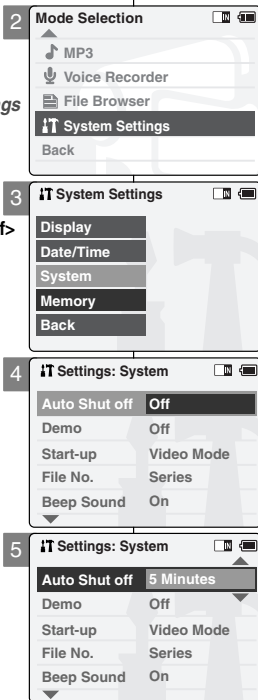
Setting the Auto Shut off

To save battery power, you can set the <Auto Shut off> function.

自動關機的設定

為節省電池的電力,您可設定自動關機的功能。

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <System> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Auto Shut off> and press the [OK] button.
5. Slide the [▲/▼] switch to select desired setting and press the [OK] button.
◆ <Off>: Cancels the Auto Shut off function.
◆ <5 Minutes>: The CAM turns off 5 minutes after not being used.
6. Press the [Back] button to finish setting.



1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <System 系統>, 然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Auto Shut off 自動關機>, 然後按下 OK 鍵。
5. 滑動 [▲/▼] 鍵來設定所要的選擇, 然後按下 OK 鍵。
◆ Off: 取消自動關機功能。
◆ 5 Minutes: 本機如果不操作時,會在5分鐘後自動關機。
6. 按下 [Back 返回] 鍵來結束調整。

Notes

- ❖ If the CAM turns off after 5 minutes, you can use the CAM again after turning it on.
- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ The <Auto Shut off> function cannot be operated if you connect the power adapter to the CAM. It can be only operated when you insert battery pack into the CAM.

說明

- ❖ 如果本機自動關機後,您要再使用時,可再重新打開電源。
- ❖ 如果您在MENU菜單中選<Back 返回>時會回到上一個菜單選項。
- ❖ 在您用電源供應器來供電時,不適用自動關機功能。只能在用電池組時才能使用自動關機功能。

Setting the CAM : Setting the System

攝影機的設定：系統的設定

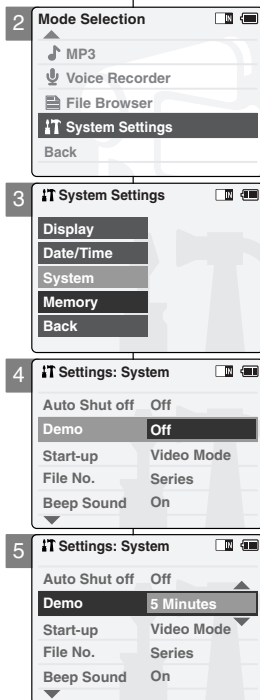
Setting the Demo Function

The Demo function allows you to view a demonstration of the functions that the CAM supports.

展示功能的設定

展示功能會向您自動展示本機提供的功能用法。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <System> and press the [OK] button.
- Slide the [▲/▼] switch to select <Demo> and press the [OK] button.
- Slide the [▲/▼] switch to select the desired setting and press the [OK] button.
◆ <Off>: Cancels the Demo function.
◆ <5 Minutes>: Starts the Demo function in 5 minutes.
◆ <Play Now>: Starts the Demo function now.
- Press the [Back] button to finish setting.



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
◆ 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[System Setting 系統設定]模式,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<System系統>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Demo展示>,然後按下OK鍵。
- 滑動[▲/▼]鍵來設定所要的選擇,然後按下OK鍵。
◆ Off: 取消自動展示功能。
◆ 5 Minutes: 在5分鐘後會自動展示。
◆ Play Now: 立即開始展示。
- 按下[Back返回]鍵來結束調整。

Note

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If you set the Demo function, it operates only in Video Record.

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 本展示功能僅能在Video Record影片拍攝模式中進行。

Setting the CAM : Setting the System

攝影機的設定：系統的設定

Setting Start-up Mode

You can select the start-up mode of the CAM.

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <System> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Start-up> and press the [OK] button.
5. Slide the [▲/▼] switch to select the desired setting and press the [OK] button.
◆ <Video Mode>: The CAM starts up in Video Mode.
◆ <Previous Mode>: The CAM starts up in the mode you used last.
6. Press the [Back] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

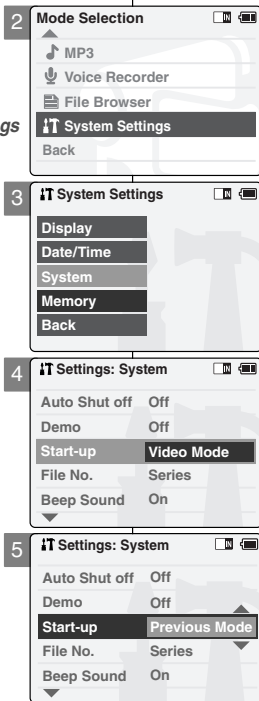
開機的設定

您可以選擇開機時進入的模式。

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 O K 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <System 系統>, 然後按下 O K 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Start-Up 開機模式>, 然後按下 O K 鍵。
5. 滑動 [▲/▼] 鍵來設定所要的選擇, 然後按下 O K 鍵。
◆ Video Mode: 一開機時進入影片錄製模式。
◆ Previous Mode: 一開機時進入最後一次使用的模式。
6. 按下 [Back 返回] 鍵來結束調整。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。



Setting the CAM : Setting the System

攝影機的設定：系統的設定

Setting the File No. Function

You can set the file numbers so that they reset each time Memory stick is formatted, or so that they are displayed incrementally.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select **System Settings** and press the [OK] button.
- Slide the [▲/▼] switch to select <System> and press the [OK] button.
- Slide the [▲/▼] switch to select <File No.> and press the [OK] button.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
 - <Series>: Numbering is continuous between the Memory Sticks, so that the first file number assigned on a new Memory Stick is 1 more than the last file number assigned on the previous Memory Stick.
 - <Reset>: When the Memory Stick is formatted, the file number resets to its default value. (100-0001)
- Press the [Back] button to finish setting.

Notes

- If you select <Back> in the menu, the previous menu appears.
- When you set file number to <Series>, each file is assigned a different number to avoid duplication of numbers. It is convenient when you want to manage your files on a PC.

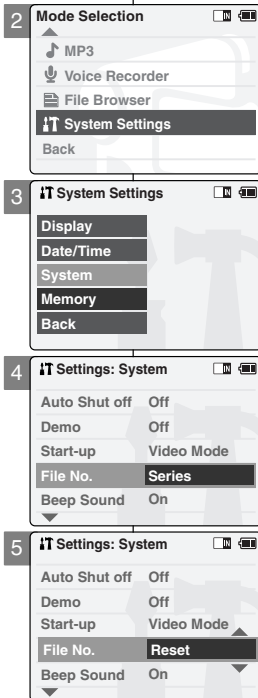
檔案編號的設定

您可以設定記憶卡在格式化後,是重新開始編號或是以上一次最後的編號繼續連續編號。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[**System Setting**系統設定]模式,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<System系統>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<File No.檔案編號>,然後按下OK鍵。
- 滑動[▲/▼]鍵來設定所要的選擇,然後按下OK鍵。
 - Series連續編號**: 在您格式化記憶卡,重放新的記憶卡或清除記憶卡內的資料後,檔案編號會以上次的最後一個編號繼續開始計數。
 - Reset重設**: 在您格式化記憶卡後,檔案編號會回到原始的狀態從(100-0001)重新開始計數。
- 按下[Back返回]鍵來結束調整。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- 當您設定為Series連續編號時,每一個檔案都會給與新的,不會重複的編號,這對於您在電腦上作檔案管理上會比較方便。



Setting the CAM : Setting the System

Setting the Beep Sound

You can set the beep sound on/off. When on, a beep will sound every time a button is pressed.

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <System> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Beep Sound> and press the [OK] button.
5. Slide the [▲/▼] switch to select desired sound and press the [OK] button.
◆ <On>: Turns the beep sound on.
◆ <Off>: Turns the beep sound off.
6. Press the [Back] button to finish setting.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ When the earphones or Video/Audio cable is connected to the CAM, the beep sound function does not operate.

攝影機的設定：系統的設定

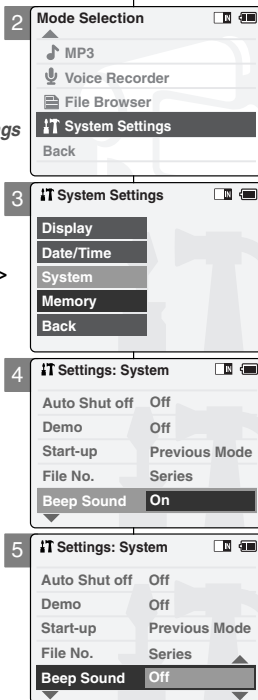
嗶聲的設定

您可以設定是否有嗶聲。
如果有嗶聲的話,在您按下任何按鍵時都會發出嗶聲。

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定] 模式, 然後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <System 系統>, 然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Beep Sound 嗶聲>, 然後按下 OK 鍵。
5. 滑動 [▲/▼] 鍵來設定所要的選擇, 然後按下 OK 鍵。
◆ On: 打開嗶聲
◆ Off: 關閉嗶聲
6. 按下 [Back 返回] 鍵來結束調整。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 當有耳機插在本機上或是 AV 線有連接在攝影機上時, 嗶聲將無法作用。



Setting the CAM : Setting the System

攝影機的設定：系統的設定

Viewing Version Information

You can view the firmware information.

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <System> and press the [OK] button.
- Slide the [▲/▼] switch to select <Version Info> and press the [OK] button.
 - The version of the CAM is displayed.
- Press the [OK] button to finish viewing version information.

Note

- If you select <Back> in the menu, the previous menu appears.

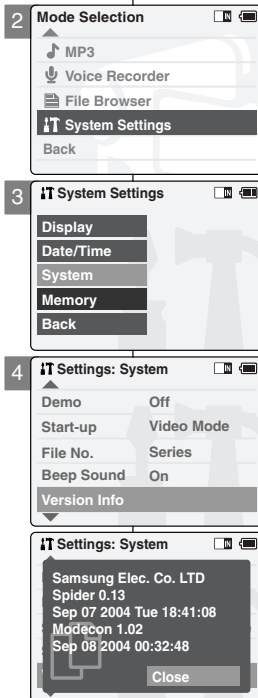
查看版本資訊

您可以查看硬體的資訊。

- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇[System Setting 系統設定]模式,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<System系統>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Version Info版本資訊>,然後按下OK鍵。
 - 有關本機的資訊會出現。
- 按下[OK]鍵來結束查看。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。



Setting the CAM : Setting Memory

攝影機的設定：記憶體設定

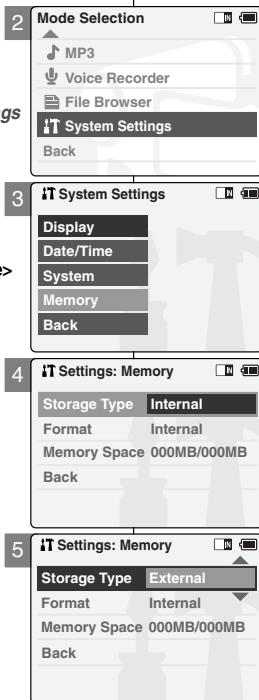
Selecting the Storage Type

Select the storage type (internal or Memory Stick, Memory Stick Pro) before recording or taking pictures.

選擇記憶型式

在您拍攝影片或照片之前您可先設定儲存的位置
(內記憶或外接記憶卡)。

- Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <Memory> and press the [OK] button.
◆ If a Memory Stick is not inserted, you cannot select <External>.
- Slide the [▲/▼] switch to select <Storage Type> and press the [OK] button.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
◆ <Internal>: The video, photo, mp3 file or voice file is stored in internal memory.
◆ <External>: The video, photo, mp3 file or voice file is stored in external memory (Memory stick or Memory stick pro).
- Press the [Back] button to finish setting.



- 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
- 滑動 [▲/▼] 鍵來選擇 [System Setting 系統設定/模式], 然後按下 O K 鍵。
- 滑動 [▲/▼] 鍵來選擇 <Memory 記憶體>, 然後按下 O K 鍵。
◆ 如果沒有插入記憶卡時,您不能選取 "External 外接".
- 滑動 [▲/▼] 鍵來選擇 <Storage Type 儲存型式>, 然後按下 O K 鍵。
- 滑動 [▲/▼] 鍵來設定所要的選擇, 然後按下 O K 鍵。
◆ Internal 內建: 影片, 照片, MP3 檔案或 語音檔案會儲存在內建記憶體。
◆ External 外接: 影片, 照片, MP3 檔案或 語音檔案會儲存在外接記憶卡。
(Memory Stick, Memory Stick PRO)
- 按下 [Back 返回] 鍵來結束查看。

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ 'Internal' is selected by default.
- ❖ If you insert the Memory Stick or Memory Stick Pro, the memory type selection screen appears automatically.

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。
- ❖ 原始的設定為 Internal 內建記憶體。
- ❖ 如果您插入記憶卡時, 記憶型式的選擇會自動出現。

Setting the CAM : Setting Memory

攝影機的設定：記憶體的設定

Formatting the Memory

You can format the internal memory, Memory Stick or Memory Stick Pro to erase all files.

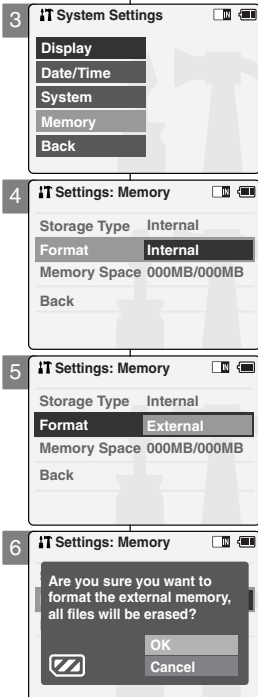
- Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - The <Mode Selection> screen appears.
- Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
- Slide the [▲/▼] switch to select <Memory> and press the [OK] button.
- Slide the [▲/▼] switch to select <Format> and press the [OK] button.
 - If a Memory Stick is not inserted, you cannot select <External>.
- Slide the [▲/▼] switch to select desired setting and press the [OK] button.
 - <Internal>: Formats the internal memory. If you select <Internal>, a confirmation message is displayed.
 - <External>: Formats the external memory. If you select <External>, a confirmation message is displayed.
- Press the [OK] button to format.
 - Select <Cancel> to cancel formatting.

Note

- If you select <Back> in the menu, the previous menu appears.

記憶體格式化

您可藉著格式化來清除內建記憶體或記憶卡內的所有檔案。



- 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - 模式選擇畫面出現。
- 滑動[▲/▼]鍵來選擇*/System Setting*系統設定模式,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Memory 記憶體>,然後按下OK鍵。
- 滑動[▲/▼]鍵來選擇<Format格式化>,然後按下OK鍵。
 - 如果沒有插入記憶卡時,您不能選取"External 外接"。
- 滑動[▲/▼]鍵來設定所要的選擇,然後按下OK鍵。
 - Internal內建: 格式化內建記憶體,如果您選擇Internal內建時會出現一個要您確定的視窗。
 - External外接: 格式化外接記憶卡,如果您選擇External外接時會出現一個要您確定的視窗。
- 按下按下OK鍵來開始格式化。
 - 要取消格式化時,請選擇"Cancel取消"。

說明

- 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。

Setting the CAM : Setting Memory

攝影機的設定：記憶體的設定

Viewing Memory Space

You can view usable and total memory space of the CAM.

1. Slide [Mode Selector] down to turn on the CAM and slide it down again.
◆ The <Mode Selection> screen appears.
2. Slide the [▲/▼] switch to select *System Settings* and press the [OK] button.
3. Slide the [▲/▼] switch to select <Memory> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Memory Space>.
5. Press the [Back] button to finish setting.

Note

- ❖ If you select <Back> in the menu, the previous menu appears.

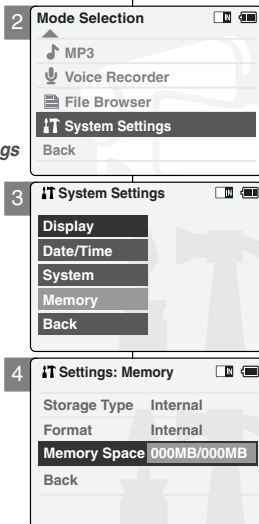
查看記憶空間

您可查看攝影機內已用的記憶體空間及全部的記憶體空間。

1. 把 [Mode Selector] 模式選擇鍵向下扳動來打開本機,然後再向下扳動一次
◆ 模式選擇畫面出現。
2. 滑動 [▲/▼] 鍵來選擇 */System Setting 系統設定/模式*, 然後按下 OK 鍵。
3. 滑動 [▲/▼] 鍵來選擇 <Memory 記憶體>, 然後按下 OK 鍵。
4. 滑動 [▲/▼] 鍵來選擇 <Memory Space 記憶體空間>, 然後按下 OK 鍵。
5. 按下 [Back 返回] 鍵來結束設定。

說明

- ❖ 如果您在 MENU 菜單中選 <Back 返回> 時會回到上一個菜單選項。



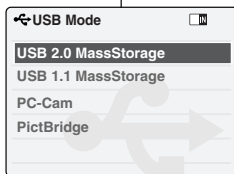
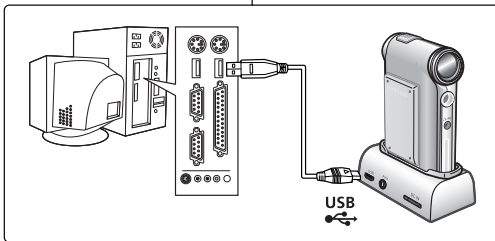
Setting the CAM : Using USB Mode

攝影機的設定：使用USB模式

Transferring Files from the CAM to your computer

從攝影機傳輸檔案至電腦

1. Connect the CAM to the PC with the USB cable.
2. Slide [Mode Selector] down to turn on the CAM.
 - ◆ USB menu screen appears automatically.
3. Slide the [▲/▼] switch to select <USB 2.0 MassStorage> or <USB 1.1 MassStorage> and press the [OK] button.
 - ◆ Your PC recognizes the USB device automatically. You must install the USB Driver manually on Windows 98SE operating system.
4. Disconnect the USB cable if you finish transferring.



1. 用USB連接線連結攝影機及電腦。
2. 把[Mode Selector]模式選擇鍵向下扳動來打開攝影機。
 - ◆ USB的菜單會自動出現。
3. 滑動[▲/▼]鍵來選擇<USB 2.0 MassStorage>或<USB 1.1 MassStorage>,然後按下OK鍵。
 - ◆ 您的電腦會自動辨認USB裝置,在Windows 98SE平台上,您必須自行安裝USB驅動程式。

4. 當完成傳輸後,拔開USB線的連結。

Notes

- ❖ Select <USB 1.1 MassStorage> when <USB 2.0 MassStorage> does not work depending on your PC environment.
- ❖ If you disconnect the USB cable from the PC or the CAM during the data transfer, the data transfer will stop and the data may be damaged.
- ❖ If you connect the USB cable to a PC using a USB HUB or with other device at the same time, it might cause conflict and may not work properly. If this occurs, remove all other devices and try the connection again.
- ❖ Install the Windows 98SE Driver on Windows 98SE operating system using supplied CD. Refer to page 113 for further details.
- ❖ It takes about 30 minutes if you download or upload a 1GB file via a USB cable.
- ❖ When connecting the CAM to your PC, if the message 'USB-D07 Capture Device hasn't passed Windows Logo testing' appears, do not be concerned, it is OK to proceed with file transfer.

說明

- ❖ 依照您的電腦配備 如果在<USB 2.0 MassStorage>不能運作時,請改用<USB 1.1 MassStorage>。
- ❖ 如果在傳輸途中把USB纜線從一端拔掉時,會立即停止傳輸且數據有可能會受到破壞。
- ❖ 如果您使用USB HUB連接本機或同時有其他配備相連時,那麼本機可能無法正常工作。如果發生上述狀況時,請先移除電腦上所有的USB設備,並重新連接本機。
- ❖ 要安裝Windows 98SE平台的驅動程式,請用本機提供的CD。詳情請見113頁。
- ❖ 透過USB傳輸 如果您下載約1GB的檔案時,可能會花費約30分鐘以上的時間。
- ❖ 如果連接攝影機與電腦時,出現'USB-D07 Capture Device hasn't passed Windows Logo testing'時,不必理會它,同樣可以傳輸檔案。

Setting the CAM : Using USB Mode

USB Speed depending on the System

Hi Speed USB is not guaranteed if supplied driver is not installed or on an OS other than Microsoft Windows and Apple's Mac OS X.

- ❖ Windows 98SE/ME: Full Speed USB
- ❖ Windows 2000: Over Service Pack 4 - Hi Speed USB
- ❖ Windows XP: Over Service Pack 1 - Hi Speed USB
- ❖ Mac OS X: Over 10.3 - Hi Speed USB

System Environment

	Windows Environment		Macintosh Environment	
	Minimum	Recommended	Minimum	Recommended
CPU	Pentium III, 600MHz	Pentium 4, 2GHz	G3 500MHz	G4 Processor
OS	Windows 98SE/ME	Windows 2000/XP	Mac OS 10.2	Mac OS 10.3
Memory	128MB	512MB or above	128MB	512MB or above
Free space on the hard disk	200MB(For applications only. Apart from this, 1GB or more free space)	2GB or above	200MB (For applications only. Apart from this, 1GB or more free space)	2GB or above
Display Resolution	800x600 dots 16-bit colour	1024x768 dots 24-bit colour	800x600 dots 16-bit colour	1024x768 dots 24-bit colour
USB	USB 1.1	USB 2.0 High Speed	USB 1.1	USB 2.0 High Speed

Notes

- ❖ Not all PCs configured with the above environment are guaranteed to operate properly.
- ❖ USB connection using an external USB hub or an additional USB daughterboard is not guaranteed.
- ❖ If your OS is Windows 2000/XP, log in as the [Administrator (administrator of the PC)](or a user with the equivalent privileges) to install the driver.
- ❖ If the capacity of PC is low, the video file may not play normally or will often stop.
- ❖ If the capacity of PC is low, it may take long time to edit the video file.

攝影機的設定：使用USB模式

依系統不同決定USB傳輸速度

高速的 USB 傳輸速度是不能操作的,如果是沒有安裝驅動式或是使用 Microsoft Windows 或 Apple's Mac OS X 以外的平台。

- ❖ Windows 98SE/ME: Full Speed USB.
- ❖ Windows XP: Service Pack 1 以上 - Hi Speed USB 高速傳輸。
- ❖ Windows 2000: Service Pack 4 以上 - Hi Speed USB 高速傳輸。
- ❖ Mac OS X: 10.3 版以上 - Hi Speed USB 高速傳輸。

系統需求

	Windows 系統		Macintosh 系統	
	最低需求配備	建議配備	最低需求配備	建議配備
CPU	Pentium III, 600MHz	Pentium 4, 2GHz	G3 500MHz	G4
OS	Windows 98SE/ME	Windows 2000/XP	Mac OS 10.2	Mac OS 10.3
Memory 記憶體	128MB	512MB 以上	128MB	512MB 以上
可用硬碟容量	200MB(僅供應用, 另須 1GB 以上空間)	2GB 以上空間	200MB(僅供應用, 另須 1GB 以上空間)	2GB 以上空間
顯示器解像度	800X600 畫素, 16-bit 彩色	1024X768 畫素, 24-bit 彩色	800X600 畫素, 16-bit 彩色	1024X768 畫素, 24-bit 彩色
USB	USB 1.1	USB 2.0 高速	USB 1.1	USB 2.0 高速

說明

- ❖ 不一定以上配備的電腦都保證能順利的操作。
- ❖ 使用外接的 USB HUB 集線器或外加的 USB 卡不能肯定順利的操作。
- ❖ 如果您是使用 Windows 2000/XP, 請以 Administrator 身份或同等的授權進入來安裝驅動程式。
- ❖ 如果電腦等級較差, 影片放映時可能會不順或停止。
- ❖ 如果電腦等級較差, 在編輯影片時可能會花很長的時間。

Setting the CAM : Using USB Mode

攝影機的設定：使用USB模式

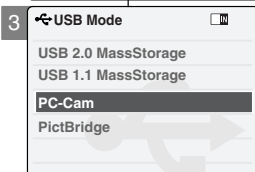
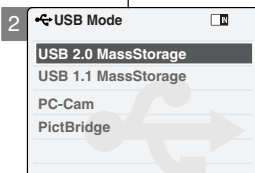
Using PC Cam

You can use this the CAM as a PC camera for video chatting, video conference and other PC camera applications.

PC攝影機的使用

您可把本機作為PC Camera使用。可以作為線上面對面聊天、視訊會議及其他的視訊應用。

1. Connect the CAM to the PC with the USB cable.
2. Slide [Mode Selector] down to turn on the CAM.
◆ USB mode screen appears automatically.
3. Slide the [▲/▼] switch to select <PC-Cam> and press the [OK] button.



1. 用USB連接線連結攝影機及電腦。
2. 把[Mode Selector]模式選擇鍵向下扳動來打開攝影機。
◆ USB的菜單會自動出現。
3. 滑動[▲/▼]鍵來選擇<PC-Cam PC攝影機>，然後按下OK鍵。

Notes

- ❖ This function requires the installation of the supplied USB Streaming Driver and Software. Refer to page 112 for further details.
- ❖ The CAM can be used as a PC Camera for programs such as Windows Messenger. The use of the PC Cam varies depending on the Software. Refer to the documentation of the respective software products.
- ❖ PC-Cam functions at 'Full Speed' when used with Windows ME or greater.

說明

- ❖ 本功能須要先安裝USB傳輸驅動程式及軟體。詳情請見112頁。
- ❖ 本PC攝影機功能可用在例如Windows Messenger等的程式上，用法是決定於各軟體的使用方法，請參攷各軟體的操作說明。
- ❖ 本功能在Windows ME或以上的版本是以"Full Speed"的傳輸速度來運行的。

Setting the CAM : Using USB Mode

攝影機的設定：使用USB模式

Connecting the CAM to a Printer

By connecting the CAM to printers with PictBridge support (sold separately), you can send images from the internal memory or external memory (Memory Stick or Memory Stick Pro) directly to the printer with a few simple operations.

1. Connect the CAM to the printer with PictBridge support with the USB cable.
2. Slide [Mode Selector] down to turn on the CAM.
◆ USB mode screen appears automatically.
3. Slide the [▲/▼] switch to select <PictBridge> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Date> and press the [OK] button.
5. Slide the [▲/▼] switch to select <On> or <Off> and press the [OK] button.
6. Slide the [▲/▼] switch to select <Copies> and press the [OK] button.
7. Slide the [▲/▼] switch to select desired number and press the [OK] button.
◆ You can select the number of copy from 1 to 99.
8. Slide the [▲/▼] switch to select <Print> and press the [OK] button.

Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If you want to select the next or previous photo, select <Next> or <Previous> using [▲/▼] switch.

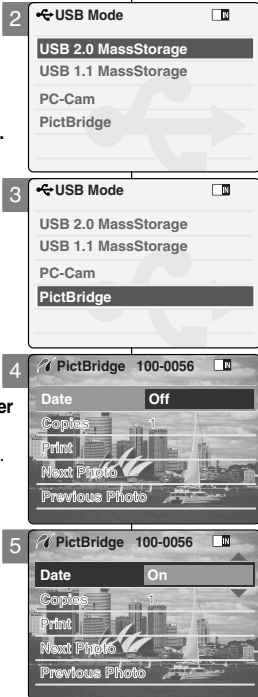
連接攝影機到印表機

連結有支援Pictbridge的印表機(另購),您可很方便的把內建記憶體或記憶卡的照片直接到印表機列印。

1. 用USB連接線連結攝影機及有支援Pictbridge的印表機。
2. 把[Mode Selector]模式選擇鍵向下扳動來打開攝影機。
◆ USB的菜單會自動出現。
3. 滑動[▲/▼]鍵來選擇<PictBridge>,然後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<Date日期>,然後按下OK鍵。
5. 滑動[▲/▼]鍵來選擇<On打開>或<Off關閉>,然後按下OK鍵。
6. 滑動[▲/▼]鍵來選擇<Copies列印數量>,然後按下OK鍵。
7. 滑動[▲/▼]鍵來選擇要列印的數量,然後按下OK鍵。
◆ 可選的列印數量為1到99張。
8. 滑動[▲/▼]鍵來選擇<Print列印>,然後按下OK鍵。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 您要選擇上一張照片或下一張時,用[▲/▼]鍵來選擇。



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Miscellaneous Information

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其他資訊

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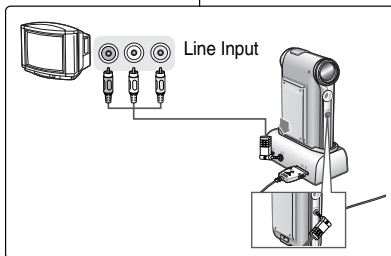
Miscellaneous Information: Connecting the CAM to other Devices

其他資訊：以其他設備連接攝影機

Connecting the CAM to TV

You can connect the CAM to a TV set directly to play video files on the TV monitor.

1. Connect the Video/Audio cable to the AV Output Jack of the CAM or cradle.
2. Connect the Video/Audio cable to the external input terminal of your TV set by matching the cable to the colors of the terminals.
3. Slide [Mode Selector] down to turn on the CAM.
◆ The <Video Record> screen appears.
4. Press the [Back] button to play the video file in <Video Record> mode.
5. Slide [▲/▼] switch to find the video file you want to play.
6. Press the [OK] button to play the video file.



連接攝影機到電視

您可連結攝影機到電視然後直接在電視上播放影片。

1. 以AV線連接攝影機或座充的AV插頭。
2. 依照電視上AV插頭的顏色,把AV線插入電視的AV插頭。
3. 把[Mode Selector]模式選擇鍵向下扳動來打開攝影機。
◆ 影片錄製模式選擇畫面出現。
4. 在影片錄製模式下按下[Back返回]鍵來放映影片。
5. 滑動[▲/▼]鍵來尋找您要播放的影片。
6. 按下OK鍵來放映影片。

Notes

- ❖ You can stop and play video files using the same button as used for playing video files on the LCD monitor of the CAM. (Refer to page 38)
- ❖ If you connect an Mono AV cable to the CAM, the video file cannot be played.
- ❖ If you connect the AV Jack to the cradle and the CAM simultaneously, AV output signal decreases to 50%. Connect the AV Jack to only one or the other.

說明

- ❖ 您可以使用同一個按鍵來停止及放映影片如同在本機液晶螢幕上放映影片一樣(見38頁)。
- ❖ 如果您採用單音AV線來連接攝影機時,影片無法放映。
- ❖ 如果您同時連接攝影及座充時,AV輸出訊號會降低50%。請只連接一項即可。

Miscellaneous Information: Connecting the CAM with other Devices

其他資訊：以其他設備連接攝影機

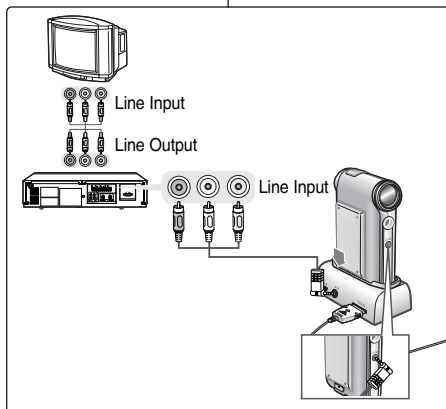
Connecting the CAM to a VCR

You can connect the CAM to VCR to copy the recorded files to the video tape.

連接攝影機到錄影機

您可連接攝影機到錄影機以便拷貝影片到錄影帶。

1. Connect the Video/Audio cable to the AV Output Jack of the CAM.
2. Connect the Video/Audio cable to the external input terminal of your VCR set by matching the colors of the terminals.
3. Connect the Video/Audio cable to the Video line Output and TV line Input.
4. Select the 'Input' on the TV, VCR or the remote control of TV.



1. 以AV線連接攝影機的AV插頭。
2. 依照錄影機上AV插頭的顏色,把AV線插入錄影機的AV插頭。
3. 以另一條AV線連結錄影機的OUTPUT輸出端及電視的INPUT輸入端。
4. 選擇電視及錄影機的輸入方式。

Note

- ❖ If TV set has no Line Input, you cannot view the output screen of the CAM.

說明

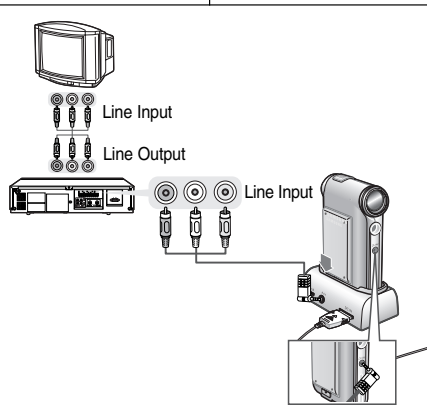
- ❖ 如果電視沒有Line Input輸入端時,您無法看到攝影機輸出的畫面。

ENGLISH Miscellaneous Information: Connecting the CAM to other Devices

Copying Video files to a VCR Tape

You can copy your recorded files to a regular blank video tape. Connect the CAM to a VCR using the Audio/Video cable before recording.

1. Insert a blank video tape and select 'Line Input' on the VCR.
2. Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - ◆ The <Mode Selection> screen appears.
3. Select <Play> in the Video mode to find the desired video file with the [▲/▼] switch. (Refer to page 38)
4. Slide the [▲/▼] switch to find the video file you want to copy and press the [OK] button.
5. Press the [Record/Stop] button on the VCR to start recording.



Notes

- ❖ Refer to operating instructions of your TV or VCR for detailed information on connecting external devices.
- ❖ You can stop and play video files using the same button as used for playing video files on the LCD monitor of the CAM. (Refer to page 38).

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其他資訊：以其他設備連接攝影機

拷貝影片到錄影帶

您可以拷貝影片到空白的錄影帶,但要拷貝前要先以AV線連接攝影機及錄影機。

1. 錄影機內放入空白錄影帶並選取 "Line Input輸入".
2. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次.
 - ◆ 模式選擇畫面出現.
3. 在[Video影片]模式中選取[Play播放],用 [▲/▼] 鍵來尋找您要播放的影片。(見38頁)
4. 滑動 [▲/▼] 鍵來尋找您要拷貝的影片,然後按下OK鍵.
5. 按下錄影機的[record/stop錄製/停止]鍵來開始拷貝.

說明

- ❖ 細節的部份請參考電視及錄影機的操作手冊.
- ❖ 您可以使用同一個按鍵來停止及放映影片如同在本機液晶螢幕上放映影片一樣(見38頁).

Miscellaneous Information: Connecting the CAM to other Devices

其他資訊：以其他設備連接攝影機

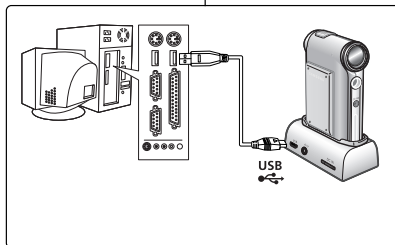
Connecting the CAM to a PC using the USB cable

You can connect the CAM to a PC that supports USB connections. Use the provided USB cable for connection to a PC.

使用USB線來連接攝影機及電腦

您可以使用USB線來連接攝影機及電腦。請使用本機所提供的USB線。

1. Insert the CAM into the cradle.
2. Connect the provided USB cable to USB port of the cradle.
3. Slide [Mode Selector] down to turn on the CAM and slide it down again.
 - ◆ The <Mode Selection> screen appears.
4. Connect the other side of the USB cable to the USB port of your PC.



1. 把本機放入座充內。
2. 使用本機所提供的USB線連接座充。
3. 把[Mode Selector]模式選擇鍵向下扳動來打開本機,然後再向下扳動一次。
 - ◆ 模式選擇畫面出現。
4. USB線的另一端插入電腦的USB插孔。

ENGLISH Miscellaneous Information: Installing Programs

Installing ImageMixer

You can edit the video files and use the PC Camera function with this program.

Windows

1. Quit all files and folders currently open on your computer.
2. Insert the program CD into the CD-ROM drive.
 - ◆ The Setup screen appears automatically.
 - ◆ Open the CD-ROM Drive in 'My Computer' and double-click <Iminst.exe>.
3. Click <ImageMixer>
4. Select the language.
5. Follow the steps on the screen.
 - ◆ You can use the ImageMixer after restarting your PC.



其他資訊：安裝程式

安裝Image Mixer

您可利用本程式來編輯影片及使用PC攝影機的功能。

Windows平台

1. 退出目前電腦正在使用的程式或目錄。
2. 放入本機提供的CD光碟片。
 - ◆ 會自動出現安裝的畫面。
 - ◆ 如果沒出現時,打開"我的電腦"滑鼠雙擊本光碟片內的<Iminst.exe>
3. 滑鼠單擊<ImageMixer>.
4. 選擇所要語言.
5. 跟隨畫面上的操作指示
 - ◆ 重新開機後就可以開始使用.

ENGLISH Miscellaneous Information: Installing Programs

Macintosh

1. Quit all files and folders currently open on your computer.
2. Insert the program CD into the CD-ROM drive.
 - ◆ The Setup screen appears automatically.
 - ◆ If not, double-click the CD-ROM icon on the Desktop, and double-click <Imnstall>.
3. Click <ImageMixer>.
4. Select the language.
5. Follow the steps on-screen.
 - ◆ You can use ImageMixer after restarting your PC.

Notes

- ❖ If ImageMixer appears to not be installed, re-install it again but you should first attempt to uninstall it. Uninstalling 'Image Mixer' should be done via the 'Control Panel' on your PC.
- ❖ If you play the MPEG4 video file, the ratio of the screen may not match.
- ❖ If you click 'ImageMixer', all softwares in the program CD are installed automatically.
- ❖ It is necessary to install ImageMixer for playback the CAM recorded video files on your PC.

其他資訊：安裝程式

Macintosh平台



1. 退出目前電腦正在使用的程式或目錄。
2. 放入本機提供的CD光碟片。
 - ◆ 會自動出現安裝的畫面。
 - ◆ 如果沒出現時，滑鼠雙擊桌面光碟機的標誌，滑鼠雙擊本光碟片內的<Imnst.exe>
3. 滑鼠單擊<ImageMixer>。
4. 選擇所要語言。
5. 跟隨畫面上的操作指示。
 - ◆ 重新開機後就可以開始使用。

說明

- ❖ 如果出現 Image Mixer沒有安裝時，請重新安裝一次，但重新安裝前，請先執行控制台內的移除程式。
- ❖ 當您放映MPEG4影片時，螢幕的速率可能無法對應，請自行調整。
- ❖ 如果您滑鼠單擊<ImageMixer>時，相關的 所有程式會全部自動安裝。
- ❖ 為了能在電腦上順利播放影片，必須要安裝ImageMixer程式。

Miscellaneous Information: Installing Programs

Installing software for using PC-Cam

Windows

1. Insert the program CD into the CD-ROM drive.
2. Fix the CAM into the cradle and connect it to a PC with the USB cable.
3. Locate the G:\PC_CAM\ folder on the CD.
4. Follow the steps on the screen.
 - ◆ If the message of <Windows Logo Test> to confirm compatibility appears, press 'Next'.

其他資訊：安裝程式

安裝PC攝影機的程序

Windows平台

1. 放入本機提供的CD光碟片。
2. 把本機放入座充內,使用本機所提供的USB線連接座充。
3. 在CD光碟片找出G:\PC_CAM\的目錄。
4. 跟隨畫面上的操作指示進行。
 - ◆ 如果出現Windows確定測試通過的畫面,請按"next".

ENGLISH Miscellaneous Information: Installing Programs

Installing Windows98SE Driver (For Windows98SE only)

To use the CAM as a removable drive on Windows98SE, you may need to install the Windows98SE Driver.

1. Insert the program CD into the CD-ROM drive.
2. Fix the CAM into the cradle and connect it to a PC with the USB cable. The PC recognizes the CAM and 'Found New Hardware Wizard' appears.
3. Locate the Storage folder on the CD.
4. Follow the steps on the screen.



其他資訊：安裝程式

安裝Windows 98SE驅動程式(只適用Windows 98SE)

在Windows 98SE平台上使用本機時一定要安裝驅動程式。

1. 放入本機提供的CD光碟片。
2. 把本機放入座充內,使用本機所提供的USB線連接座充,電腦會自動辨認然後出現"找到新硬體"。
3. 在CD光碟片找出的目錄。
4. 跟隨畫面上的操作指示進行。

Miscellaneous Information: Connecting the CAM with other Devices

Disconnecting USB Connection

After completing the data transfer, you must disconnect the cable in the following way.

1. Select the removable disk icon on your computer screen and click the right mouse button to select 'Safely Remove Hardware'.
2. Select 'Stop' and disconnect the USB cable when the pop-up screen disappears.

Notes

- ❖ If you disconnect the USB cable from the PC or the CAM during the data transfer, the data transfer will stop and the data may be damaged.
- ❖ If you connect the USB cable to a PC using a USB HUB or with other device at the same time, it might cause conflict and may not work properly. If this occurs, remove all other devices and try the connection again.
- ❖ The CAM may operate abnormally in the recommended system environment depending on the assembling of PC. For example, the video file is played abnormally.
- ❖ Once you select the <USB 2.0 MassStorage>, <USB 1.1 MassStorage>, <PC-Cam> or <PictBridge>, you cannot select the modes. Disconnect the USB cable or turn on the CAM again to select the modes.
- ❖ If you disconnect the USB cable, the message 'Now refresh file list' appears for 1 second.
- ❖ PCs used via a USB hub or with a USB card are not guaranteed to work in all circumstances.

其他資訊：連結其他設備

拔開USB連結

當完成傳輸後,您要依照如下方式來拔開usb連結.

1. 在總案總管中選擇 可移動硬碟,然後按滑鼠右鍵來選"安全移出硬體".
2. 在跳出的視窗內選擇"停止",然後才能拔開usb連結.

說明

- ❖ 如果在傳輸途中把USB纜線從一端拔掉時,會立即停止傳輸且數據屆可能會受到破壞.
- ❖ 如果您使用USB HUB連接本機或同時有其他配備相連時,那麼本機可能無法正常工作.
如果發生上述狀況時,請先移除電腦上所有的USB設備,並重新連接本機.
- ❖ 雖然電腦配如上建議的配備但因組合電腦有所不同也可能會發生操作不順的情形,如影片放映時.
- ❖ 如果您已經選完USB2.0,USB1.1,PC-Cam或PictBridge這些功能後,無法再重新選取時,請拔開USB連結或重新打開攝影機來選取.
- ❖ 如果您拔開USB連結,會出現"現在更新檔案條列"的訊息.
- ❖ 使用USB hub集線器或USB卡時,不能保証執行順利.

ENGLISH Miscellaneous Information: Printing Photos

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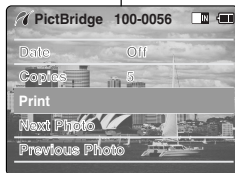
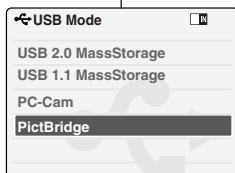
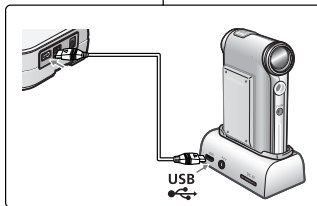
其他資訊：列印照片

Printing with PictBridge Function

With the PictBridge Support, you can control the printer directly through the CAM in order to print out stored pictures.

For direct printing of your stored pictures using the PictBridge function, you must connect the CAM to a PictBridge printer using a USB cable.

1. Connect the CAM to the PictBridge printer with the USB cable.
2. Slide [Mode Selector] down to turn on the CAM.
 - ◆ USB menu screen appears automatically.
3. Slide the [▲/▼] switch to select <PictBridge> and press the [OK] button.
4. Slide the [▲/▼] switch to select <Copies> and press the [OK] button.
5. Slide the [▲/▼] switch to select desired number and press the [OK] button.
 - ◆ You can select the number of copies from 1 to 99.
6. Slide the [▲/▼] switch to select <Print> and press the [OK] button.



Notes

- ❖ If you select <Back> in the menu, the previous menu appears.
- ❖ If you want to select the next or previous photo, select <Next> or <Previous> using [▲/▼] switch.
- ❖ For further details about printing photos, refer to the User's manual of the printer.

以PictBridge功能列印

利用PictBridge的支援,您可利用攝影機直接控制印表機來列印照片。

要以PictBridge來直接列印時,您必須利用USB線來連結攝影機及支援PictBridge功能的印表機。

1. 用USB線來連結攝影機及支援PictBridge功能的印表機。
2. 把[Mode Selector]模式選擇鍵向下扳動來打開本機。
 - ◆ USB菜單畫面自動出現。
3. 滑動[▲/▼]鍵來選擇<PictBridge>,然後按下OK鍵。
4. 滑動[▲/▼]鍵來選擇<Copies列印數量>,然後按下OK鍵。
5. 滑動[▲/▼]鍵來選擇要列印的數量,然後按下OK鍵。
 - ◆ 可選的列印數量為1到99張。
6. 滑動[▲/▼]鍵來選擇<Print列印>,然後按下OK鍵。

說明

- ❖ 如果您在MENU菜單中選<Back返回>時會回到上一個菜單選項。
- ❖ 您要選擇上一張照片或下一張時,用[▲/▼]鍵來選擇。
- ❖ 要了解印表機的細節請參考印表的操作手冊。

Miscellaneous Information: Printing Photos

其他資訊：列印照片

Printing Photos with DPOF Files

DPOF (Digital Printing Order Format) creates print information for photos you select and numbers them on the Memory Stick or Memory Stick Pro. You can easily make prints on a DPOF compatible printer or order copies.

Printing DPOF files of the Memory Stick

1. Set the print information for the photo you want to print.
(Refer to page 59)
2. Remove the Memory Stick from the CAM and insert it into the photo printer.
3. Follow the steps of the printer to print out photos.

Note

- ✦ For further details about printing photos, refer to the User's manual of the printer.

列印含DPOF照片的檔案

DPOF能在記憶卡內的照片加以選擇,另加上編號等列印的資訊. 您可以利用此功能在支援DPOF的印表機上來列印照片.

列印記憶卡上的DPOF照片

1. 設定您要列印照片的列印資訊(見59頁).
2. 取出記憶卡放入支援DPOF的印表機內.
3. 依照印表機的指示來列印照片.

說明

- ✦ 要了解印表機的細節請參考印表的操作手冊.

Cleaning and Maintaining the CAM

After using the CAM

- ✦ For the safekeeping of the CAM, follow these steps.
 - ✓ Turn the CAM off.
 - ✓ Remove the Battery Pack (refer to page 19).
 - ✓ Remove the Memory Stick (refer to page 33).
- ✦ To prevent any damage to the LCD monitor, do not apply excessive force on its moving parts.
- ✦ Do not drop or in anyway shock the CAM.
- ✦ For prolonged use of the CAM, avoid using it in places subject to excessive humidity or dust.
- ✦ Do not leave the CAM in places subject to:
 - ✓ Excessive humidity, steam, soot or dust.
 - ✓ Excessive shock or vibration.
 - ✓ Extremely high (over 50°C or 122°F) or extremely low (under 0°C or 32°F) temperatures.
 - ✓ Strong electromagnetic fields.
 - ✓ Direct sunlight or in a closed car on a hot day.
- ✦ For the safe use of the battery pack, follow these.
 - ✓ To conserve battery power, be sure to turn off the CAM power when not in use.
 - ✓ Battery consumption may vary depending on the condition of use. Recording with many starts and stops, frequent zooming, and recording in low temperatures will shorten actual recording times.
 - ✓ Dispose of used battery packs promptly. Do not dispose of them in fire.
 - ✓ The battery pack will become warm during charging and use. This is not a malfunction.
 - ✓ The battery pack has a limited service life. If the period of use becomes noticeably shorter with a normal charge, the battery pack is at the end of its service life. Replace it with a new battery pack.
- ✦ For the safe use of the Memory Stick and the Memory Stick Pro, follow these.
 - ✓ The Memory Stick should be stored away from heaters and other heat sources. Avoid storing Memory Sticks under direct sunlight and avoid electromagnetic fields.
 - ✓ Do not power off any devices while transferring data, as this may destroy the data.
 - ✓ Back up your image data often to a hard disk or other permanent storage media.
 - ✓ Format the Memory Stick periodically.
 - ✓ When formatting the Memory Stick or Memory Stick Pro, format in the CAM. If you format it on PC, use the 'Memory Stick Formatter' in the supplied software CD.

維護：清潔及保養機身

使用完後

- ✦ 要能安全的保存攝影機,請依照下列指示.
 - ✓ 插回攝影機.
 - ✓ 移開電池組(見19頁).
 - ✓ 移開記憶卡(見33頁).
- ✦ 為了維護液晶螢幕的安全,不要用力壓可動的零件部位.
- ✦ 不要讓攝影機掉落地面或受到任何撞擊.
- ✦ 為延長使用壽命,請不能放置在高溫高濕或有灰塵的地方.
- ✦ 不要把攝影機放在如下的場合:
 - ✓ 高濕,有蒸氣,有煙灰或有灰塵的地方.
 - ✓ 會受震動或撞擊的地方.
 - ✓ 高溫(超過50°C)或低溫(0°C以下)的地方.
 - ✓ 會受到電磁場干擾的地方.
 - ✓ 直接日照或大太陽下關閉的車內的地方.
- ✦ 依下列說明來安全的使用電池組.
 - ✓ 為節省電力,請不用攝影機時把電池組取下.
 - ✓ 電力的消耗是依據使用的頻度而定,如多次開關機,不斷的伸縮鏡頭,及在低溫的地方使用都會縮短電池的使用時間.
 - ✓ 不要隨意丟棄廢棄的電池組.不要丟入火中.
 - ✓ 電池組在充電或使用中可能溫度會提高,這不是故障.
 - ✓ 電池組是有使用壽命,如果在充電時有明顯的時間縮短,可能是到達壽命,請替換新的電池組.
- ✦ 依下列說明來安全的使用記憶卡
 - ✓ 記憶卡的儲存要遠離高熱或有熱源的地方.不要讓記憶卡直接受到日照或電磁場干擾的地方.
 - ✓ 在傳輸資料時,不要突然關閉電源,因為會損傷記憶卡內的資料.
 - ✓ 請把影像檔案儲存在硬碟或其他儲存裝置內.
 - ✓ 周期性的格式化您的記憶卡.
 - ✓ 要在本攝影機上格式化記憶卡.如果您是在電腦格式化時,請使用本機所提供的光碟片內的'Memory Stick Formatter'程式.

Cleaning and Maintaining the CAM

Cleaning the Body

❖ To Clean the Exterior of the CAM

- ✓ To clean the exterior, use a soft dry cloth. Wipe the body gently.
Do not apply excessive force when cleaning, gently rub the surface.
- ✓ The LCD monitor surface should not be pressed. Use a soft dry cloth to clean the surface.
- ✓ To clean the lens, use an optional air blower to blow out dirt and other small objects. Do not wipe the lens with cloth or your fingers. If necessary, use lens cleaning paper.
- ✓ Do not use thinner, alcohol or benzene for cleaning. Otherwise, the finish may be damaged.
- ✓ Cleaning should be done only after the battery pack has been removed, and other power sources have been disconnected.

Using the Built-in Rechargeable Battery

The CAM incorporates a rechargeable lithium cell that maintains the date and other settings even when the AC adaptor and the battery are removed. The rechargeable lithium cell is automatically recharged when the CAM is used.

Charging the Built-in Rechargeable Battery

- ❖ If The CAM is not used at all, the cell runs down in 5 days. In this case, connect the AC adaptor to the CAM and turn on the power switch. Then leave it for 24 hours.
After that, set the date and other settings again.

維護：清潔及保養機身

清潔機身

❖ 清潔外部機身

- ✓ 使用乾布輕輕地擦拭外表。
不要大力的擦拭。
- ✓ 不要用力壓液晶螢幕，要輕輕地擦拭。
- ✓ 用吹氣球來清除鏡頭表面的灰塵或髒物。
不要用布或手指來擦拭。
必要的話以鏡頭紙來擦拭。
- ✓ 不要用含酒精或含苯的溶劑來擦拭外表，因可能會造成損傷。
- ✓ 要清潔時，要把電池組先移除及移開電源。

使用內建可充式鋰電池

內建鋰電池可讓您保存日期及其他的設定，甚至移除了電池組。在您使用攝影機時，鋰電池會自行充電。

內建鋰電池的充電

- ❖ 如果完全不用攝影機時，在5天內會用盡鋰電池。
請連接好電源打開攝影機，然後充電24小時以上。
充完電後，請重新設定日期及其他設定。

Cleaning and Maintaining the CAM

Using the CAM Abroad

- ❖ Each country or region has its own electric and color systems.
- ❖ Before using the CAM abroad, check the following items:

Power Sources

- ❖ You can use the CAM in any country or area with the supplied AC Power Adapter where the power input range is 100V ~ 240V, 50/60Hz.
- ❖ Use a commercially available AC plug adapter if necessary, depending on the design of the local wall outlets.

Color System

- ❖ You can view your video files using the built-in LCD monitor. However, to view your recordings on a television set or to copy it to a video cassette recorder (VCR), the television set or the VCR must comply with NTSC-compatible and have the appropriate Audio / Video ports. Otherwise, you may need to use a separate Video Format Transcoder (NTSC-PAL format Converter).

PAL-Compatible Countries / Regions

Australia, Austria, Belgium, Bulgaria, China, CIS, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Great Britain, Holland, Hong Kong, Hungary, India, Iran, Iraq, Kuwait, Libya, Malaysia, Mauritius, Norway, Romania, Saudi Arabia, Singapore, Slovak Republic, Spain, Sweden, Switzerland, Syria, Thailand, Tunisia, etc.

NTSC-Compatible Countries / Regions

Bahamas, Canada, Central America, Japan, Mexico, Philippines, Korea, Taiwan, United States of America, etc.

維護：清潔及保養機身

在國外使用攝錄影機

- ❖ 每個國家或地區都有自己的電子和彩色制式。
- ❖ 在國外使用本機之前，應檢查以下項目。

電源

- ❖ 只要您所到的國家或地區的電源處在100v到240v, 50/60Hz電源範圍內，您就可以通過隨機提供的交流電源適配器來使用本機。
- ❖ 如有必要，根據當地牆上的設計，使用市場上銷售的交流插頭適配器。

彩色制式

- ❖ 您可以從液晶螢幕或觀景器中觀看錄製好的影片及照片。不過，要想在電視機上觀看錄製的影像或將其複製到影帶式錄影機上，電視機或錄影帶式攝錄影機必須與NTSC制式兼容，並配備有相應的音頻/視頻插孔。否則，您需要配備一台彩色變碼器。

與PAL制式兼容的國家/地區

澳大利亞、奧地利、比利時、保加利亞、中國、獨聯體各國、捷克共和國、丹麥、埃及、芬蘭、法國、德國、希臘、英國、荷蘭、香港、匈牙利、印度、伊朗、伊拉克、科威特、利比亞、馬來西亞、毛里求斯、挪威、羅馬尼亞、沙烏地阿拉伯、新加坡、斯洛伐克共和國、西班牙、瑞典、瑞士、敘利亞、泰國、突尼斯等。

與NTSC制式兼容的國家/地區

巴哈馬、加拿大、中美洲、日本、墨西哥、菲律賓、韓國、台灣、美國等。

Troubleshooting

Self Diagnosis Display

Display	Inform that...	Action
Not enough free space	Not enough free space for saving files	Check the space of internal memory or the Memory Stick.
Corrupted file	The file is corrupted	Delete the corrupted file.
Paper error	The paper is insufficient.	Check the paper in the printer. If there is no paper, insert paper.
Printer error	The paper is caught in the printer.	Check that paper is caught in the printer. Pull out the caught paper.
Ink error	Ink is low.	Check if the ink or toner is low.
Wrong error	The file is wrong.	Check that the file is JPEG.
USB transfer error	The error is occurred while transferring data.	Disconnect the USB cable and connect it again.
Low battery	Battery is low.	Charge the battery pack or connect the AC Adapter.
Holding the key	The hold key is locked.	Unlock the hold key and operate the CAM.
Card error	The memory card is corrupted.	Format the Memory Stick or replace it with a new one.
Not formatted	Format the memory card.	Format the Memory Stick.
Write error	Failed to write.	Check the memory space or format the memory.
Read error	Failed to read.	Delete the file.
Not supported format	The format is not supported.	The AVI or JPEG file that is not supported. Check the supported file on the page 29.
Write protected	Memory Stick is protected to write.	Unlock the Memory Stick.
MPEG decoding error	The video file is corrupted.	Delete the corrupted file.

- ✦ If these instructions do not solve your problem, contact your nearest Samsung dealer or authorized service center/personnel.

Symptom	Possible Causes	Measure
No power is supplied	The power is not connected properly. The battery is dead. The battery is too cold.	Connect the AC adapter properly, page 23. Replace the dead battery pack . Warm up the battery or move to warmer place.
DATE/TIME is wrong	The DATE/TIME is not set.	Set the DATE/TIME, pages 88-89.
Focus does not adjust automatically	Focus is set to manual mode. Recording was done in a dark place. Lens is covered with condensation.	Set focus to AUTO . Use strobe or lit the place. Clear the lens and check the focus .

故障排除

自行診斷顯示

顯示	訊息	故障排除措施
Not enough free space	記憶空間不足來儲存檔案	檢查內建記憶體或記憶卡的空間。
Corrupted file	檔案損壞	刪除已損壞的檔案。
Paper error	印表紙不夠	檢查印表紙,沒紙的話,加入報表紙。
Printer error	印表紙夾紙引起印表機錯誤	檢查印表紙,取出夾紙
Ink error	墨水快沒了	檢查墨水是否快沒了。
Wrong error	檔案錯誤	檢查照片檔案是否為 JPEG。
USB transfer error	在傳輸時發生錯誤	拔開 USB線再重新連結。
Low battery	電力已減弱	進行充電或連接電源適配器。
Holding the key	Hold鍵暫停不動	解除 Hold鍵開始操作攝影機。
Card error	記憶卡錯誤	重新格式化或換新。
Not formatted	記憶卡未格式化	格式化記憶卡。
Write error	儲存中錯誤	檢查記憶卡空間或格式化記憶卡。
Read error	讀取時錯誤	刪除檔案。
Not supported format	本格式不支援	不支援的 AVI或JPE格式。(請看 29頁)
Write protected	記憶卡已鎖定	打開記憶卡的鎖定。
MPEG decoding error	影片檔案錯誤	刪除該檔案。

- ✦ 如果故障沒有解決,則應請與經三星授權的當地客服中心連繫。

症狀	可能原因	辦法
沒有電力	未連接好電源。 電池已損壞。 電池處在低溫下	請連接好電源(見23頁)。 換新電池。 移到較溫暖的地方。
日期/時間錯誤	未設定好日期。	設定好日期(見88-89頁)
無法自動對焦	設定為手動。 在暗處拍攝。 鏡頭被遮到。	設為自動對焦。 使用燈光。 清潔鏡頭,檢查對焦。

Troubleshooting

Symptom	Possible Causes	Measure
The Memory Stick will not load properly	Memory stick is in wrong position. Something is stuck in the Memory Stick slot.	Insert the Memory Stick properly, page 33. Clear the Memory Stick slot.
Color balance of picture is not natural	White balance adjustment is required	Set proper white balance, page 65
Digital zoom does not work	Digital special effect is applied	Turn off the digital special effects, page 51
Files stored in the Memory Stick cannot be deleted	Memory Stick is protected File is locked	Remove the protection tab of Memory Stick Remove the lock on the file, page 82
Images on the LCD monitor appear dark	Ambient is too bright Ambient temperature is too low	Adjust the brightness and angle of LCD Low temperatures might produce a dark LCD display This is not a malfunction
Rear of the LCD monitor is hot	Prolonged use of LCD monitor	Close the LCD monitor to turn it off, or turn your device off to cool down
Play, rewind and fast forwarding do not work	The <Photo Mode> is selected	Select <Video Mode> and select 'Play'
Memory Stick cannot be played back (Photo mode)	The <Video Mode> is selected	Select <Photo Mode> and select 'View'
No picture is taken when is fully pressed	Not enough free memory space is remained Memory card is formatted by different devices	Delete files from the Memory Stick Format the Memory Stick on the CAM
Built-in Light will not come on	Light is forced to cancel Light is not available for recording	Select different Light mode, page 62
Cannot Record a video	The Photo Mode is selected	Select 'Video Mode'
LCD screen turns off	To save power consumption, the LCD screen and Camera's power turns off if there is no button operation for a certain period of time (depending on operation mode), which is not a malfunctioning	Operating any button will turn the camera on Pressing the button once again will operate its function

故障排除

症狀	可能原因	辦法
記憶卡沒有安裝好	記憶卡插入不對。 記憶卡有髒污。	正確的插入(見33頁)。 清潔記憶卡及插槽。
影像色彩不平衡	白平衡未設好	設定正確的白平衡(見65頁)。
數位變焦不動作	因為使用數位特效。	解除數位特效(見51頁)。
無法刪除記憶卡的檔案	記憶卡已保護。	移除記憶卡及檔案的保護(見82頁)。
在液晶螢幕上影像看起來較暗	環境太亮	調整液晶螢幕的亮度。
液晶螢幕後方有高溫	環境的溫度太低。 使用液晶螢幕太久。	低溫可能會使液晶螢幕較高溫。 這不是故障。 關閉液晶螢幕。
放映、前進或倒退無法動作	因在拍照模式中。	選擇為"Video影片"模式。
記憶卡不能放映(拍照模式)	因選擇為"Video影片"模式	選擇為"Photo拍照"模式。
按下但不能拍照	記憶體空間不足。 記憶卡為其他設備格式化。	從記憶卡中移除檔案。 用攝影機重新格式化。
內建燈光不動作	燈光已關閉。 燈光在拍攝影片時不能用。	選擇其他的燈光模式(見62頁)。
不能拍攝影片	因選取"Photo拍照"模式	設定為Video影片"模式。

Using the Menu

Video

1. Record	White Balance
2. Play	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Effect
Selected All Cancel	Off Art Mosaic Sepia Negative Mirror B&W Emboss
PB Option	
Selected All Cancel	
Back	Digital Zoom
4. Settings	Off On
Size	Back
720 352	5. Back
Quality	
Super Fine Fine Normal	
Focus	
AF MF	
EIS	
On Off	

Photo

1. Capture	White Balance
2. View	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Back
Selected All Cancel	5. Back
DPOF	
Back	
4. Settings	
Size	800X600 640X480
Light	Auto On Off
Focus	AF MF
EIS	On Off

MP3

1. Play Options
Repeat
All Off One
Back
2. File Options
Delete
Selected All Cancel
Lock
Selected All Cancel
Copy To
Selected All Cancel
Back
3. Back

Video

1. Record	White Balance
2. Play	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Effect
Selected All Cancel	Off Art Mosaic Sepia Negative Mirror B&W Emboss
PB Option	
Selected All Cancel	
Back	Digital Zoom
4. Settings	Off On
Size	Back
720 352	5. Back
Quality	
Super Fine Fine Normal	
Focus	
AF MF	
EIS	
On Off	

Photo

1. Capture	White Balance
2. View	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Back
Selected All Cancel	5. Back
DPOF	
Back	
4. Settings	
Size	800X600 640X480
Light	Auto On Off
Focus	AF MF
EIS	On Off

MP3

1. Play Options
Repeat
All Off One
Back
2. File Options
Delete
Selected All Cancel
Lock
Selected All Cancel
Copy To
Selected All Cancel
Back
3. Back

菜單的使用

Video

1. Record	White Balance
2. Play	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Effect
Selected All Cancel	Off Art Mosaic Sepia Negative Mirror B&W Emboss
PB Option	
Selected All Cancel	
Back	Digital Zoom
4. Settings	Off On
Size	Back
720 352	5. Back
Quality	
Super Fine Fine Normal	
Focus	
AF MF	
EIS	
On Off	

Photo

1. Capture	White Balance
2. View	Auto Hold Outdoor Indoor
3. File Options	
Delete	Program AE
Selected All Cancel	Auto Sports Spotlight Sand/Snow HS Shutter
Lock	BLC
Selected All Cancel	Off On
Copy To	Back
Selected All Cancel	5. Back
DPOF	
Back	
4. Settings	
Size	800X600 640X480
Light	Auto On Off
Focus	AF MF
EIS	On Off

MP3

1. Play Options
Repeat
All Off One
Back
2. File Options
Delete
Selected All Cancel
Lock
Selected All Cancel
Copy To
Selected All Cancel
Back
3. Back

Using the Menu

Voice Recorder

File Browser

System Settings

USB Mode

1. Record
2. Play
3. File Options
Delete
Selected All
Cancel
Lock
Selected All
Cancel
Copy To
Selected All
Cancel
Back
4. Back

1. Delete
Selected All
Cancel
2. Lock
Selected All
Cancel
3. Copy To
Selected All
Cancel
4. File Info
Close
5. Back

1. Display
LCD Brightness
0%
: 100%
LCD Colour
0%
: 100%
Back
2. Date/Time
Set Time
Set Date
Date Format
YY/MM/DD
DD/MM/YY
MM/DD/YY
Time Format
12 Hour
24 Hour
Back
4. Memory
Storage Type
Internal
External
Format
Internal
External
Memory Space
000MB/000MB
Back
5. Back

3. System
Auto Shut off
Off
5 Minutes
Demo
Off
5 Minutes
Play Now
Start-up
Video Mode
Previous Mode
File No.
Series
Reset
Beep Sound
On
Off
Version Info
Back
4. Memory
Storage Type
Internal
External
Format
Internal
External
Memory Space
000MB/000MB
Back
5. Back

1. USB 2.0 MassStorage
2. USB 1.1 MassStorage
3. PC-Cam
4. PictBridge

菜單的使用

Voice Recorder

File Browser

System Settings

USB Mode

1. Record
2. Play
3. File Options
Delete
Selected All
Cancel
Lock
Selected All
Cancel
Copy To
Selected All
Cancel
Back
4. Back

1. Delete
Selected All
Cancel
2. Lock
Selected All
Cancel
3. Copy To
Selected All
Cancel
4. File Info
Close
5. Back

1. Display
LCD Brightness
0%
: 100%
LCD Colour
0%
: 100%
Back
2. Date/Time
Set Time
Set Date
Date Format
YY/MM/DD
DD/MM/YY
MM/DD/YY
Time Format
12 Hour
24 Hour
Back
4. Memory
Storage Type
Internal
External
Format
Internal
External
Memory Space
000MB/000MB
Back
5. Back

3. System
Auto Shut off
Off
5 Minutes
Demo
Off
5 Minutes
Play Now
Start-up
Video Mode
Previous Mode
File No.
Series
Reset
Beep Sound
On
Off
Version Info
Back
4. Memory
Storage Type
Internal
External
Format
Internal
External
Memory Space
000MB/000MB
Back
5. Back

1. USB 2.0 MassStorage
2. USB 1.1 MassStorage
3. PC-Cam
4. PictBridge

Specifications

Model Name	SC-M102/SC-M105/SC-M110	
the CAM System		
Video Recording System	MPEG4 AVI Format	
Photo System	JPEG (DPOF, Exif 2.2)	
MP3	Stereo Playing	
Voice	WAVE file record/play (8KHz Sampling, 16 bit, Stereo)	
Memory	Internal memory	256MB(SC-M102)
		512MB(SC-M105)
		1GB(SC-M110)
	Memory Stick	
	Memory Stick Pro	
Recording/Playing time	Refer to page 30	
CCD Pixel	1/6 inch CCD, 800K(Maximum)	
Optical Zoom Ratio	x10	
Focal Length	f=2.4~24mm, F1.8~2.4	
Minimum Illumination	3.0 Lux	
LCD Monitor	2.0 Trans Reflective, 210K	
Cradle Connectors		
USB	Mini-B type (USB 2.0 High Speed)	
The CAM Connector	Special 22Pin Connector	
AV Output	Video (1.0Vp_p), Audio (-7.5dBm 47KΩ, Stereo)	
DC Power In Connector	Special 22Pin Connector	
General		
Operating Temperature	0°C~40°C (32°F~104°F)	
Operating Humidity	10%~80%	
Power Source	3.8V (Li-Polymer Battery pack), 4.8V (AC Adapter)	
Power Consumption	3.0W (LCD ON)	
Dimension(WxHxD)	2.32 x 3.65 x 1.04	
Weight	0.3307lb (Including the Lithium Polymer Battery Pack)	
Built-in Microphone	Omni-directional Stereo condenser microphone	

技術規格

型號	SC-M102/SC-M105/SC-M110		
攝影機系統			
影片拍攝系統	MPEG4 AVI 規格		
拍照系統	JPEG(DPOF,Exif 2.2)		
MP3	立體聲播放		
語音記錄	WAVE 檔案記錄/播放(8KHz取樣, 16bit,立體)		
記憶型式	內建記憶體	256MB (SC-M102)	
		512MB (SC-M105)	
		1GB(SC-M110)	
	Memory Stick		
Memory Stick PRO			
錄影及 放映時間	請見第 30頁.		
CCD 畫素	1/6英吋 CCD,800K(最大)		
光學伸縮倍率	10倍		
焦長	F=2.4~24厘米, F1.8~2.4		
最低照度	3.0 LUX		
液晶螢幕	2.0英吋 Trans Reflective 210K		
座充			
USB	Mini B型(USB2.0高速)		
攝影機連結	特殊22Pin連接器		
AV輸出	Video(1.0Vp_p)Audio(-7.5dBm 4.7KΩ,立體)		
DC電源連結	特殊22Pin連接器		
概述			
操作溫度	0℃~40℃(32°F~104°F)		
操作濕度	10%~80%		
電源	3.8V鋰離子電池組,4.8V(AC電源)		
功耗	3.0W(打開液晶螢幕)		
外形尺寸(長X高X寬)	2.32X3.65X1.04公分		
重量	0.3307英磅(含電池組).		
內建麥克風	泛向立體聲麥克風.		

Specifications

Model Name		SC-M102/SC-M105/SC-M110
The CAM Connectors		
Common connector	Earphone	ø 3.5 Stereo
	AV output	Video (1.0p_p, 75Ω), Audio (-7.5dBm 47KΩ, Stereo)
Cradle Connector		Special 22Pin Connector
DC Power In Connector		Special 22Pin Connector
AC Adapter		
Power Requirement		AC 100~240V, 50/60Hz
DC Output		DC 4.8V, 1.0A
Dimensions		2.76 x 1.18 x 1.65
Weight		0.18lb (Including DC cable)

These technical specifications and design may be changed without notice.

技術規格

型號		SC-M102/SC-M105/SC-M110
攝影機連結器		
一般連結	耳機	ø 3.5立體聲
	AV輸出	Video (1.0Vp_p 75 Ω), Audio (-7.5dBm 4.7K Ω, 立體)
座充連結器		特殊 22Pin連接器
DC電源連結器		特殊 22Pin連接器
AC電源		
電源種類		AC 100~240 伏特, 50/60Hz
DC電源輸出		DC 4.8 伏特, 1.0A
外形尺寸		2.76X1.18X1.65
重量		0.18英磅 (包含DC線)

These technical specifications and design may be changed without notice.

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